

SONY.

カラービデオカメラ
COLOR VIDEO CAMERA

DXC-637/637P

ズームレンズ
ZOOM LENS

VCL-916BYA

SERVICE MANUAL

Vol. 2 (1st Edition)

Hyper HAD™

- エレクトロニックビューファインダーDXF-601のサービス情報については、別途発行のDXF-601のサービスマニュアル(9-977-229-01)をご覧ください。
- カメラマイクホルダーCAC-12の補修部品については、別途発行のCAC-12の部品価格表(9-967-251-71)をご覧ください。
- 三脚アタッチメントVCT-U14の補修部分については、別途発行のVCT-U14のサービスマニュアル(9-977-221-01)をご覧ください。

- On service information for the DXF-601/601CE electronic viewfinder, please see the DXF-601/601CE service manual (9-977-229-01) available separately.
- On service information for the CAC-12 microphone holder, please see the CAC-12 service manual (9-967-252-01) available separately.
- On service information for the VCT-U14 tripod attachment, please see the VCT-U14 service manual (9-977-221-01) available separately.

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DUS-852	
CN-1107	
SW-234	

C. SEMICONDUCTOR

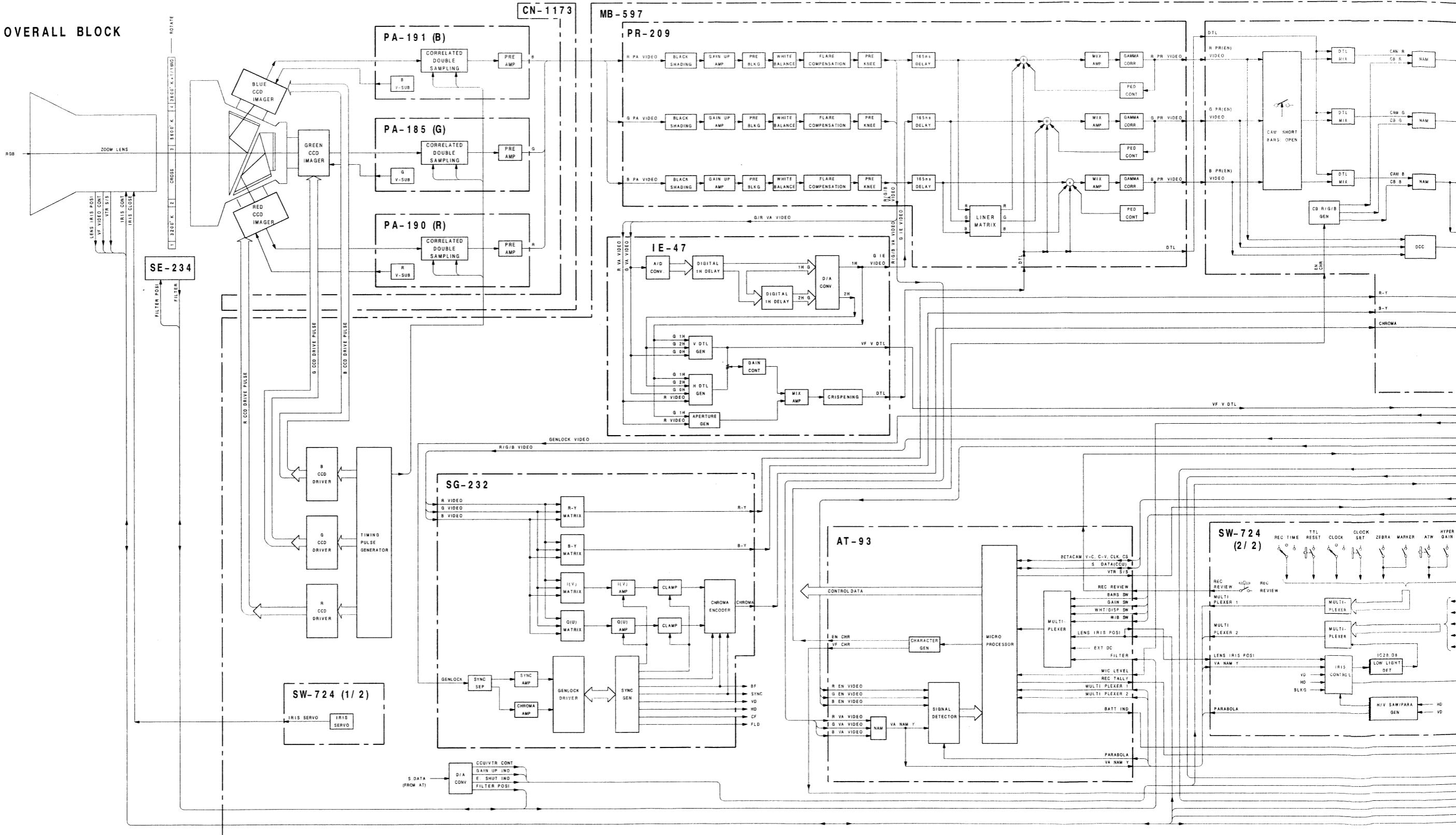
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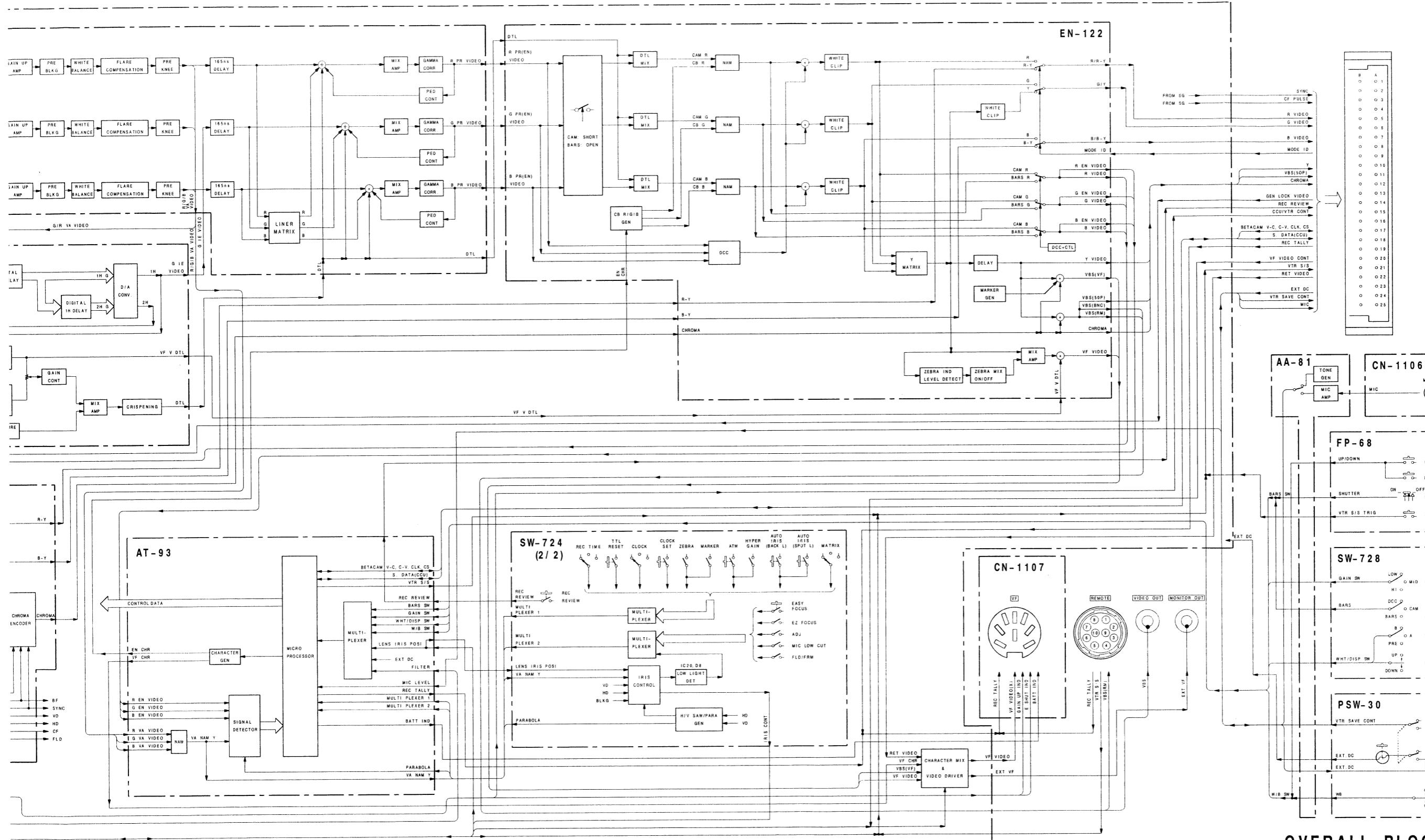
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SECTION A
BLOCK DIAGRAMS

OVERALL BLOCK



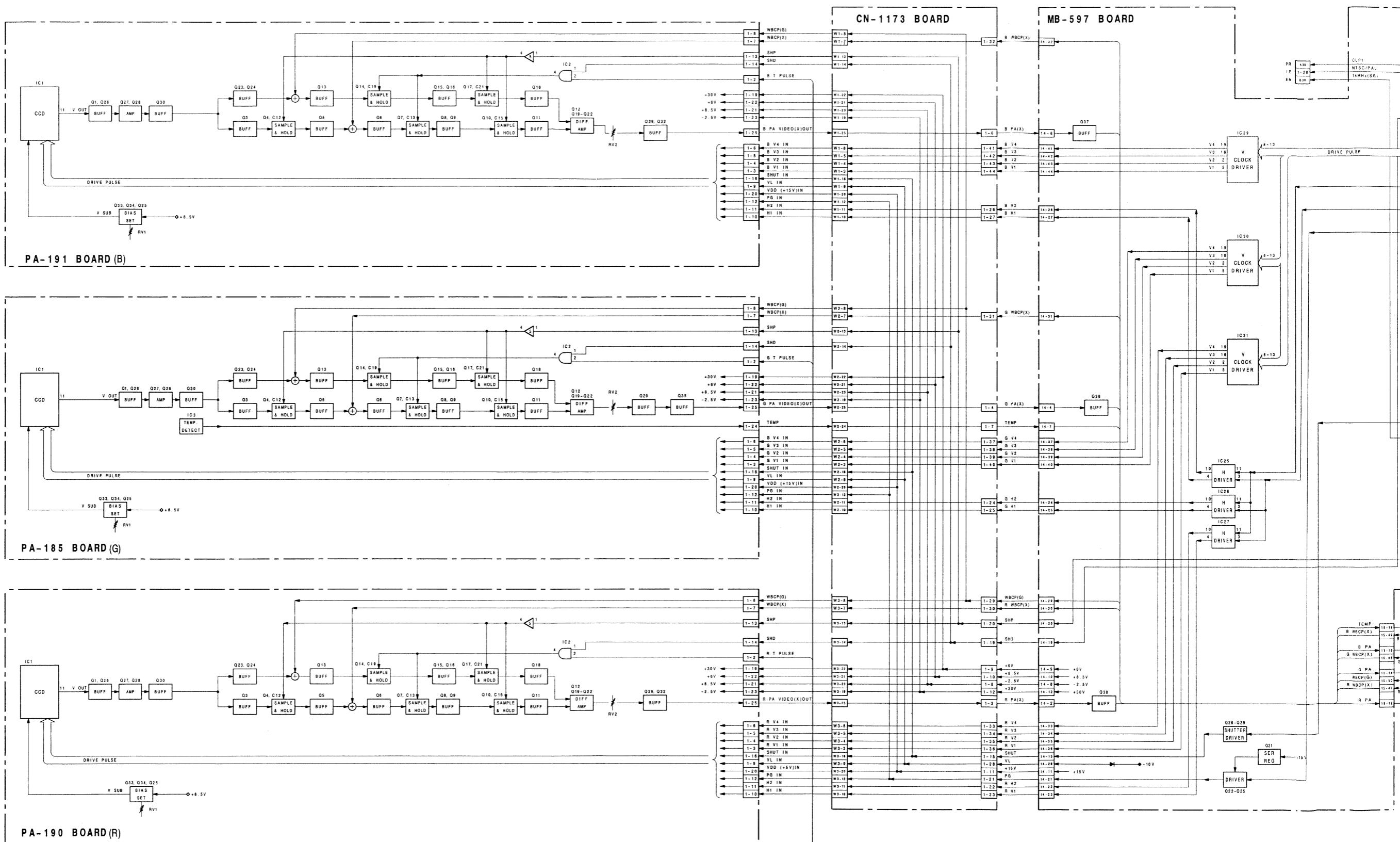
DXC-637 (J)
DXC-637 (UC)
DXC-637P(EK)

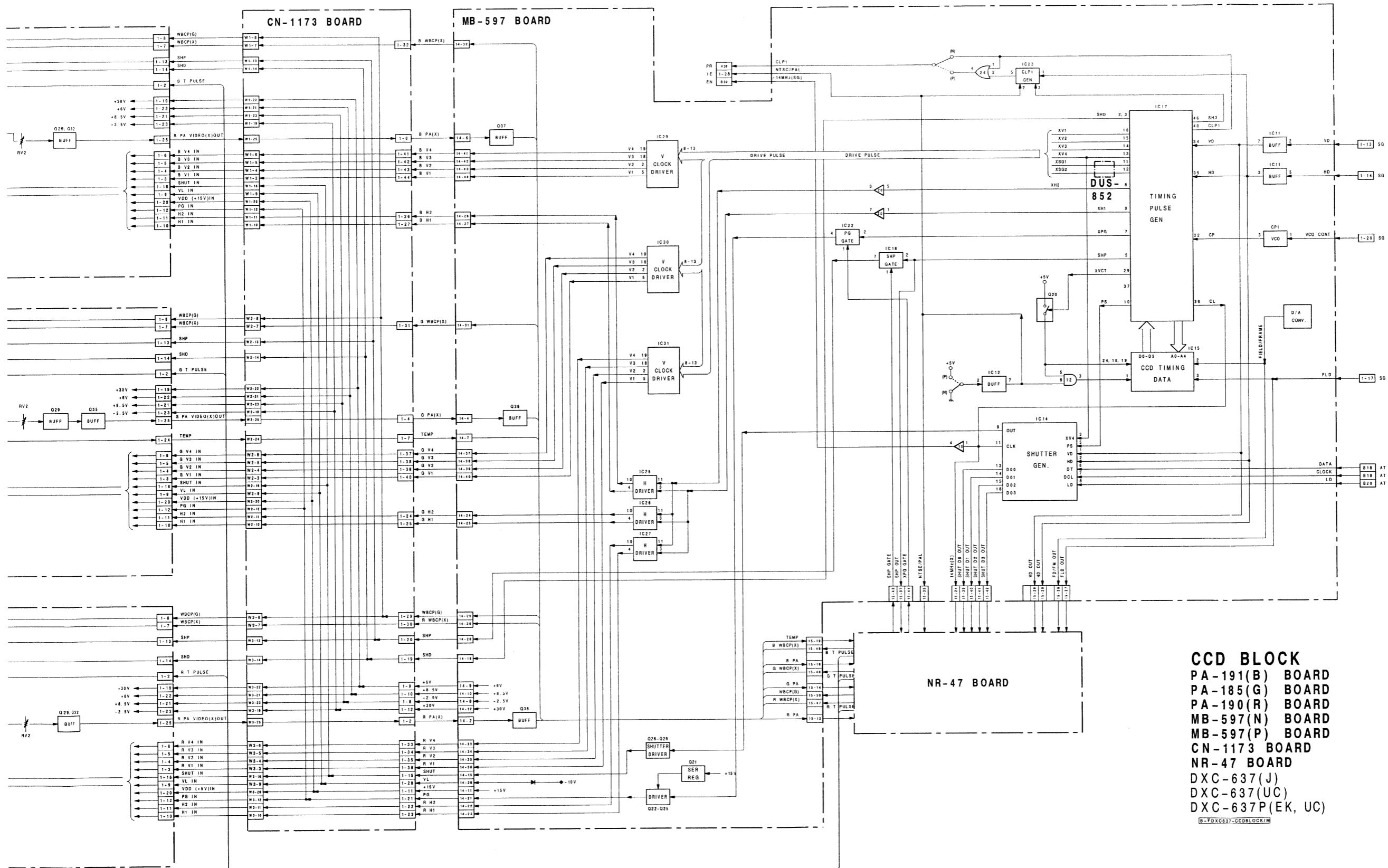


OVERALL BLOCK

DXC-637(J)
 DXC-637(UC)
 DXC-637P(EK, UC)
 B-TDXC637-OABLOCKIN

CCD BLOCK



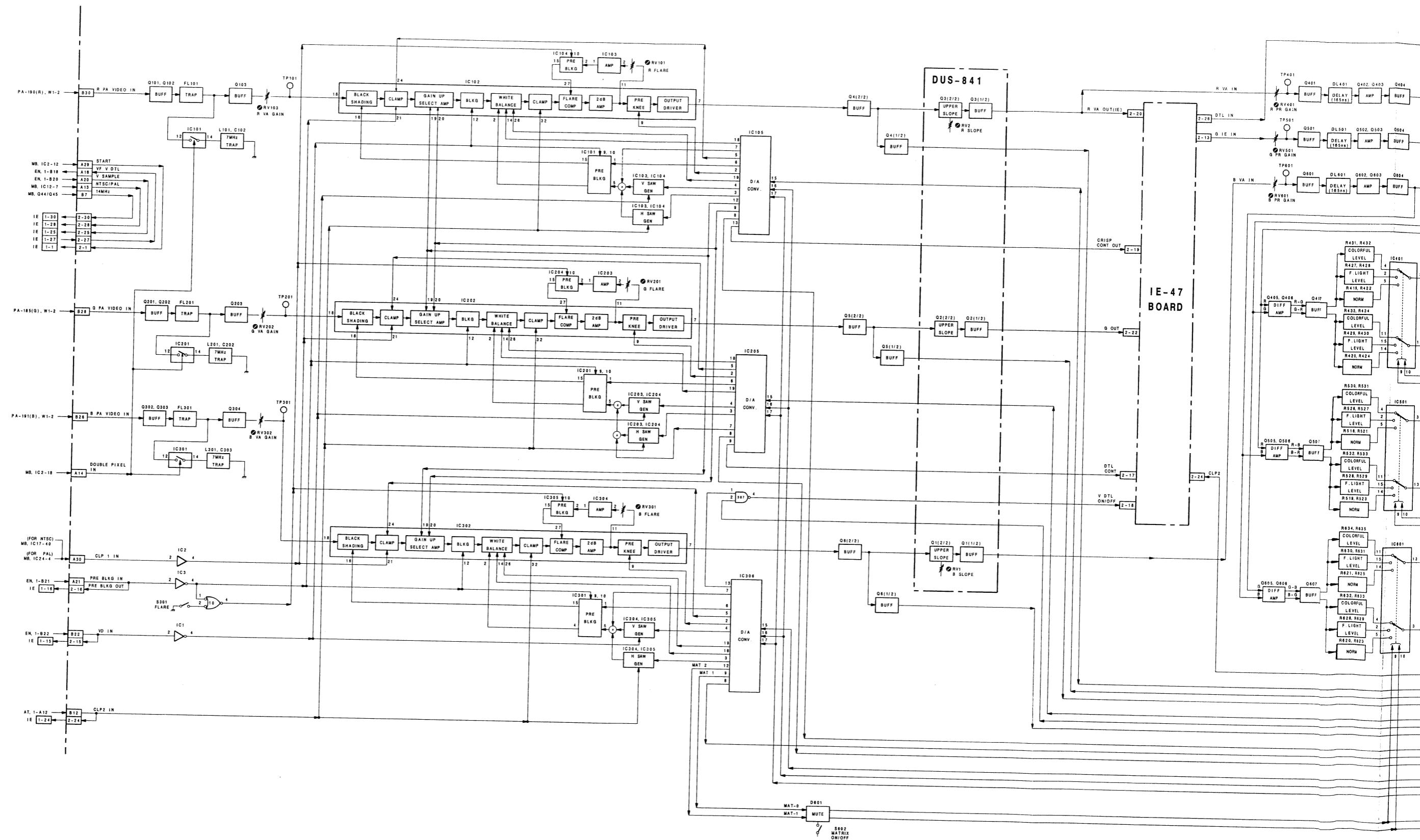


CCD BLOCK

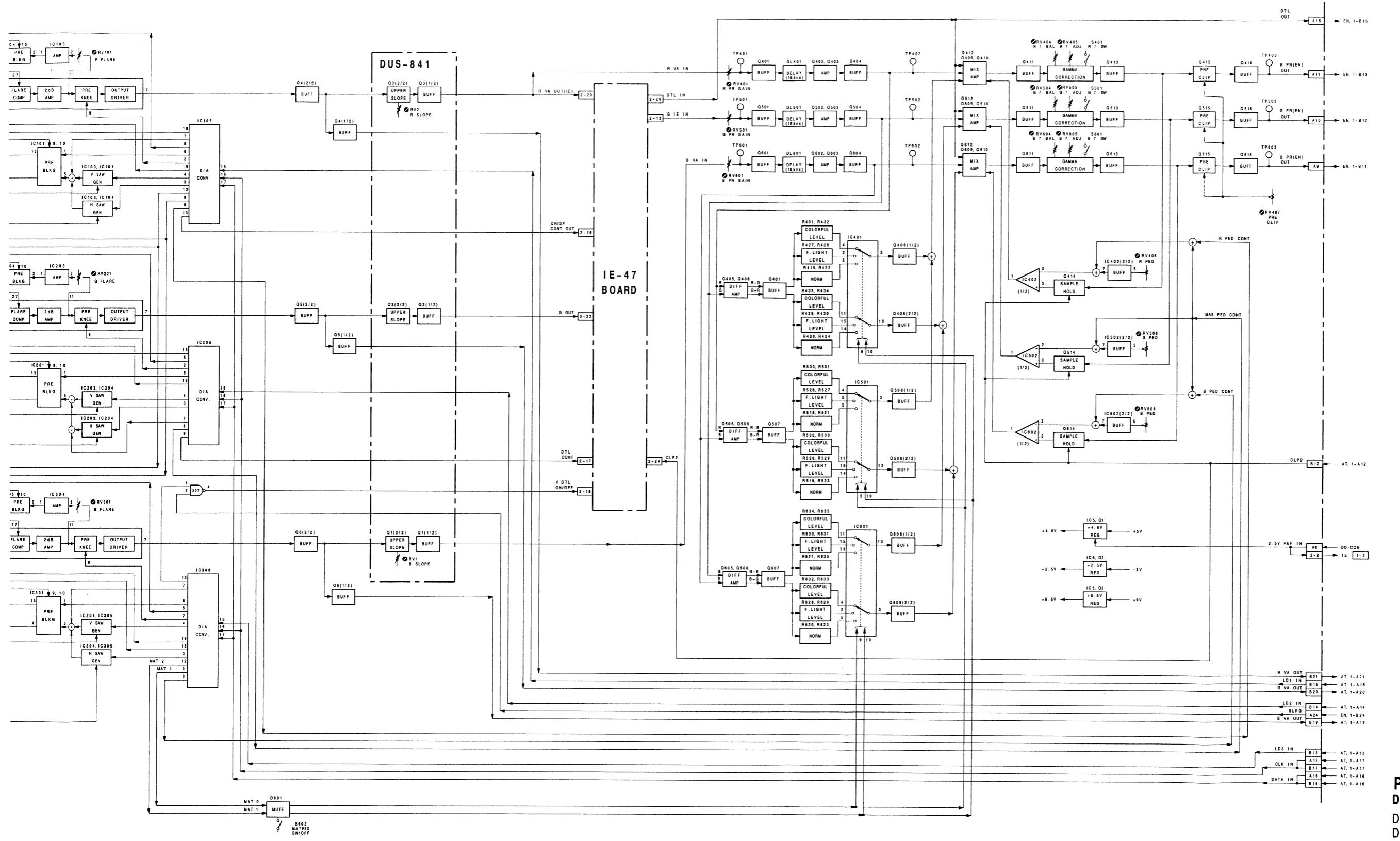
- PA-191(B) BOARD
- PA-185(G) BOARD
- PA-190(R) BOARD
- MB-597(N) BOARD
- MB-597(P) BOARD
- CN-1173 BOARD
- NR-47 BOARD
- DXC-637(J)
- DXC-637(UC)
- DXC-637P(EK, UC)

B-DXC637-CCDBLOCK/M

PR-209 BLOCK
DUS-841 BLOCK

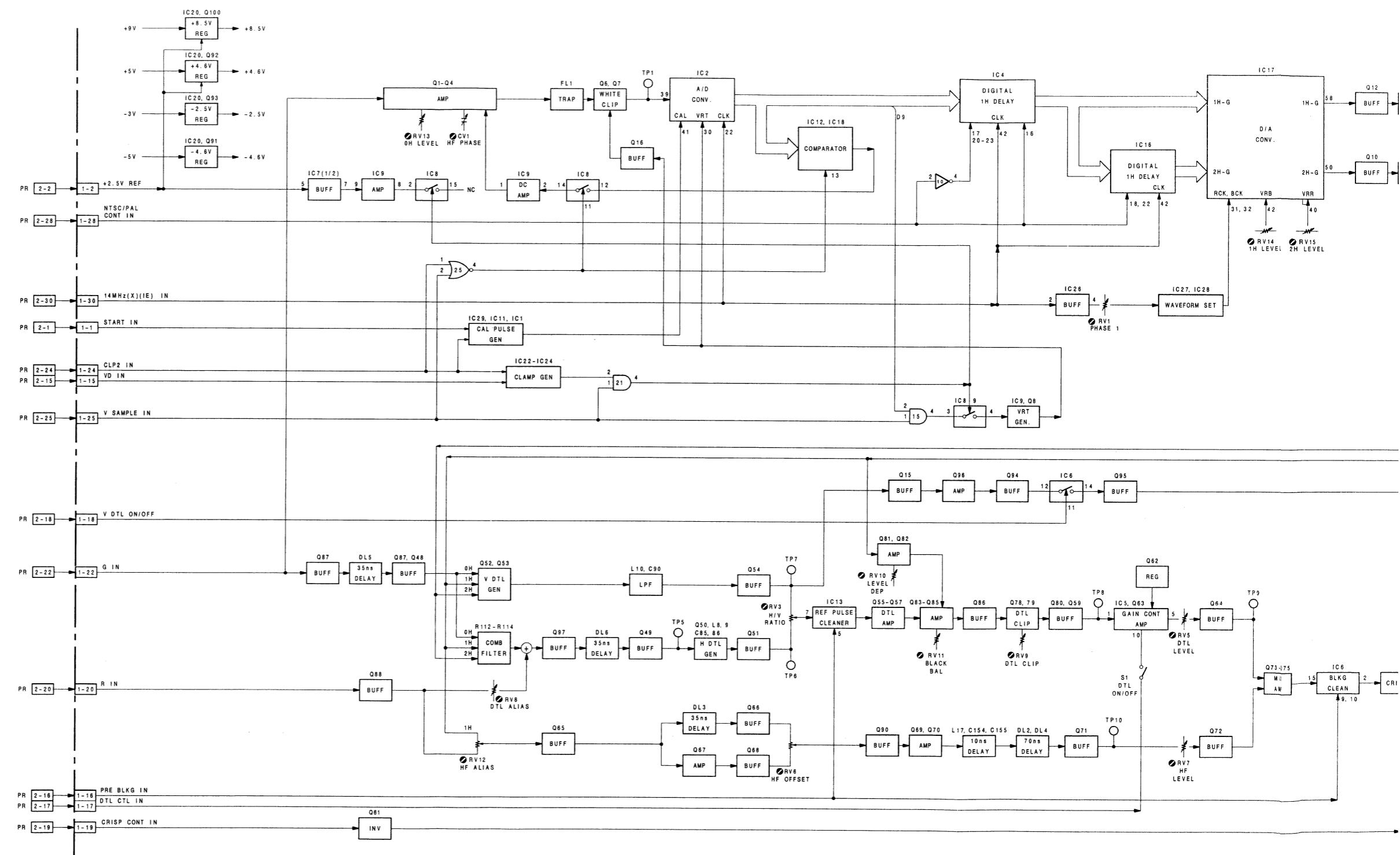


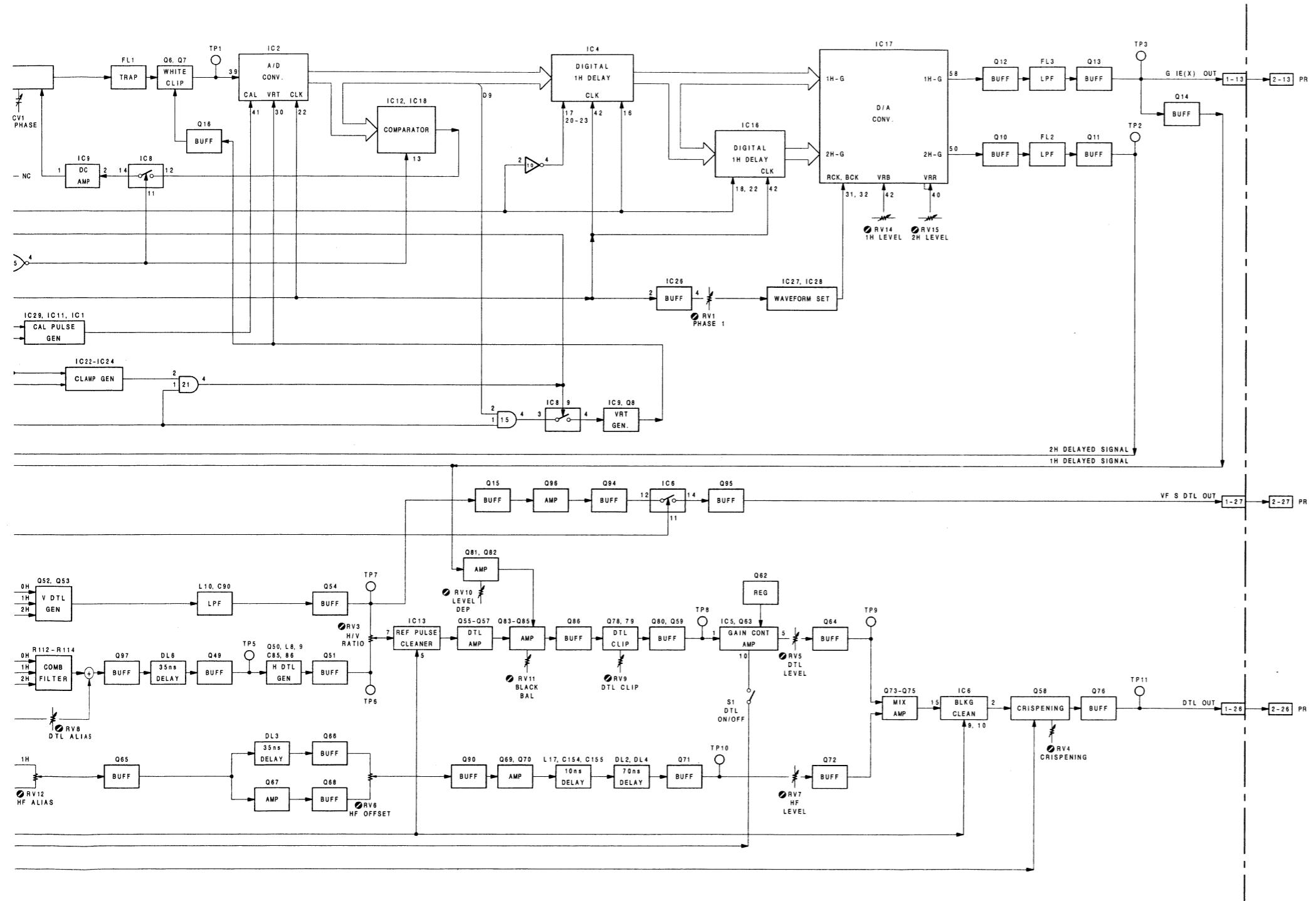
DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)



R-209 BLOCK
US-841 BLOCK
XC-637(J)
XC-637(UC)
XC-637P(EK, UC)

IE-47 BLOCK



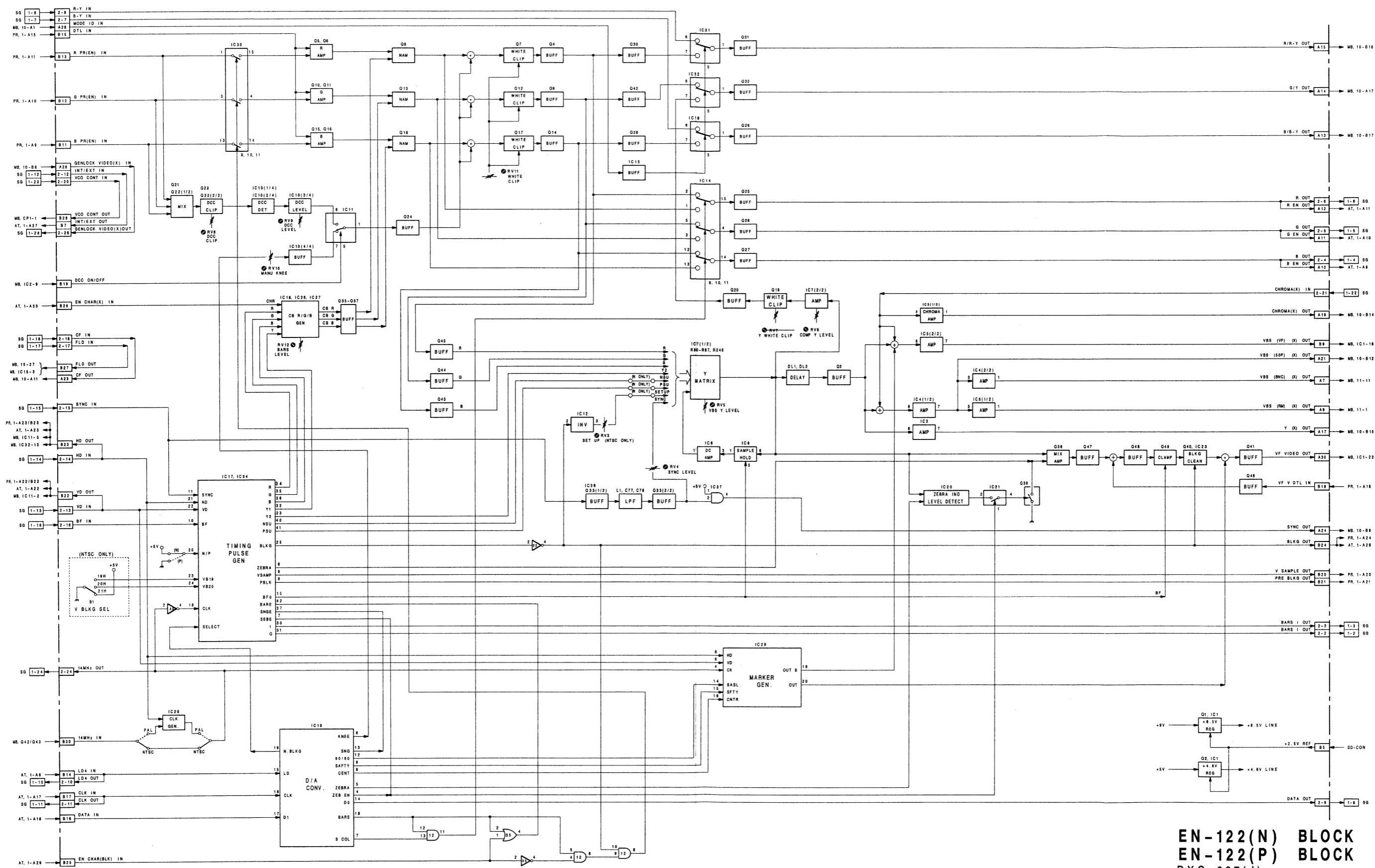


IE-47 BLOCK
DXC-637(J)
DXC-637(UC)
DXC-637P(EK, UC)

B-FDXC637-IE47BLOCK/M

EN-122 BLOCK

EN-122 BLOCK

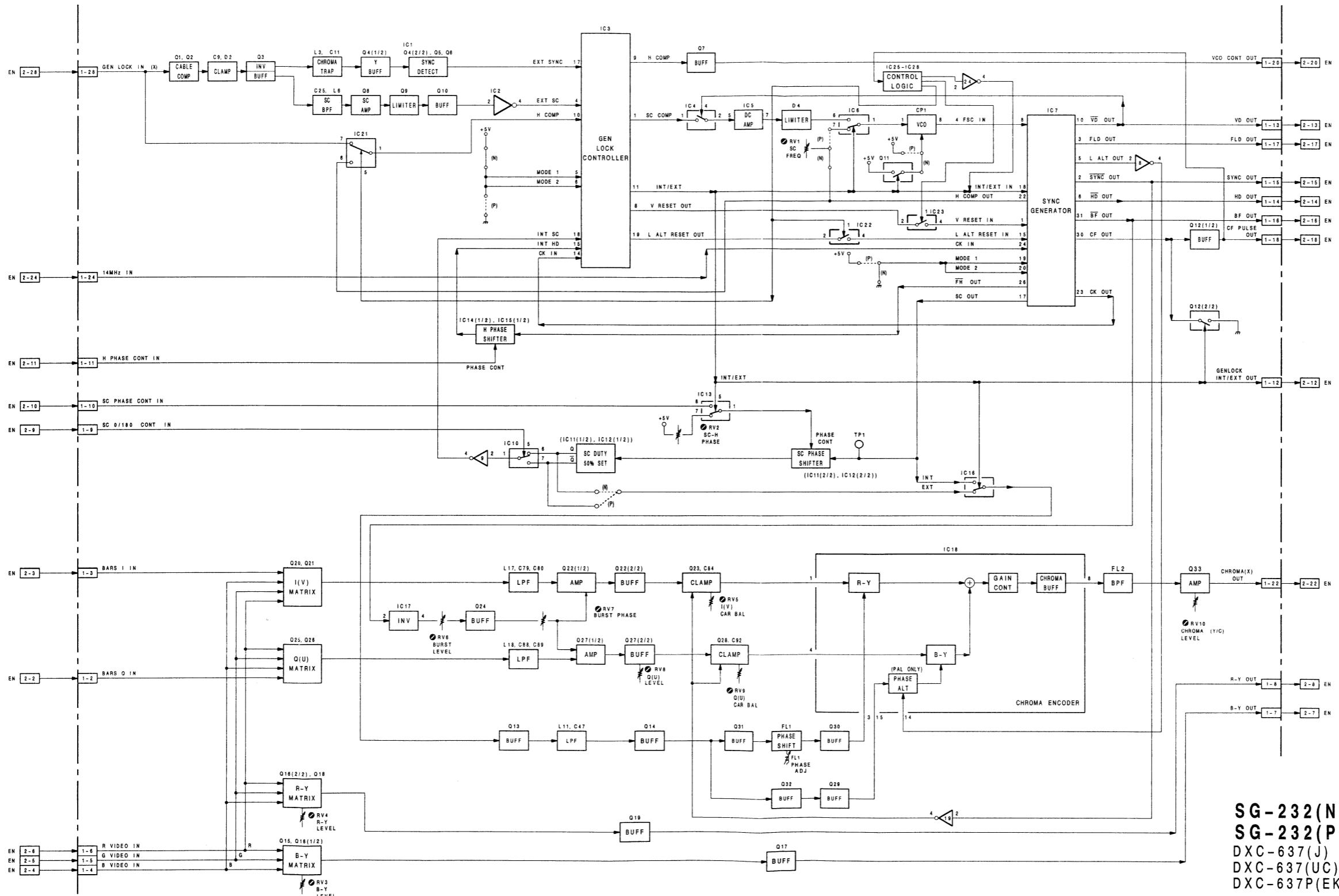


EN-122(N) BLOCK
EN-122(P) BLOCK

DXC-637(J)
DXC-637(UC)
DXC-637P(EK, UC)
B-3 DXC 637-FN122 BLOCK/M

SG-232 BLOCK SG-232 BLOCK

SG-232 BLOCK

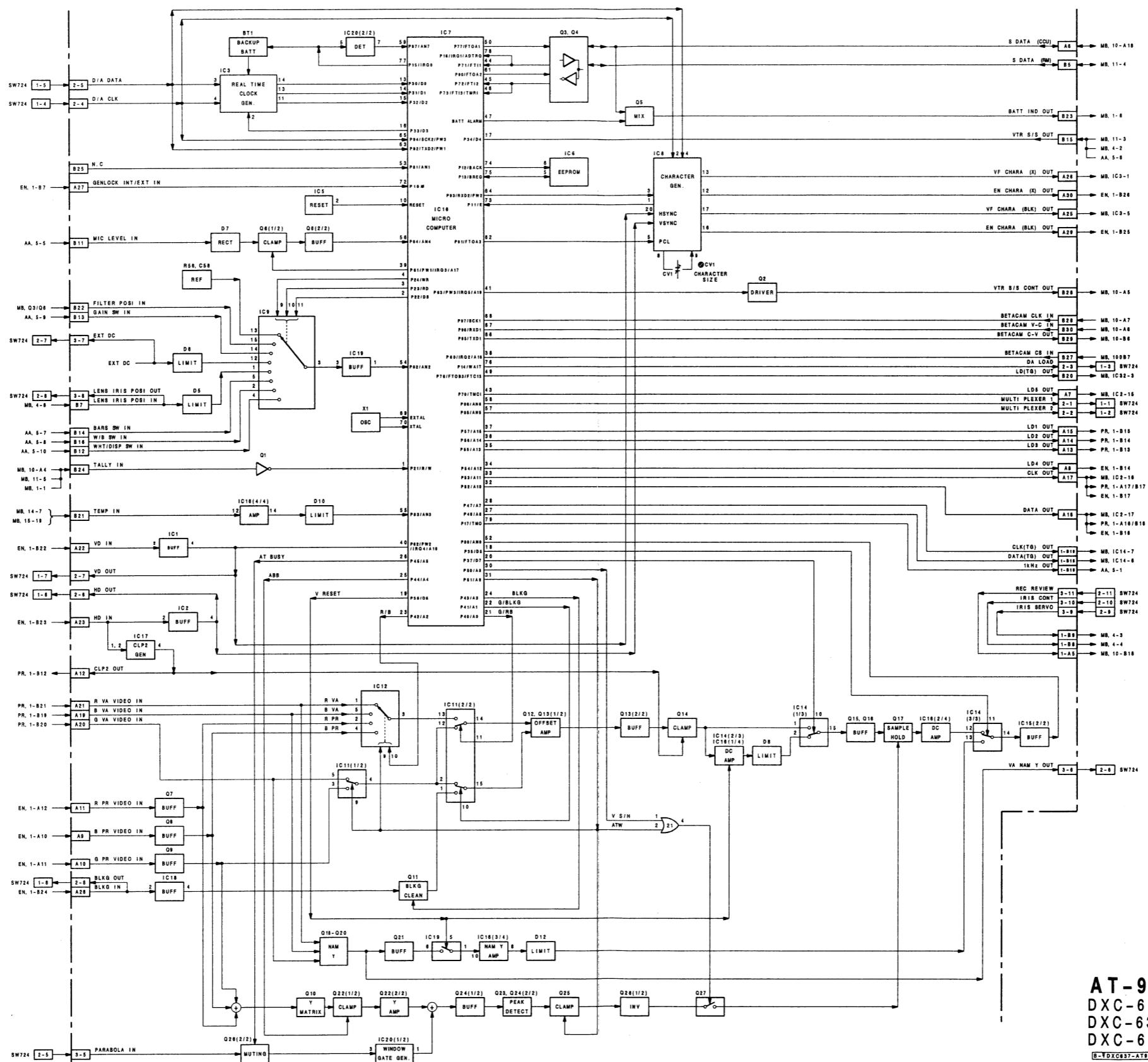


SG-232(N) BLOCK
SG-232(P) BLOCK
DXC-637(J)
DXC-637(UC)
DXC-637P(EK)

B-1DXC637-SG232BLOCK/M

AT-93 BLOCK AT-93 BLOCK

AT-93 BLOCK



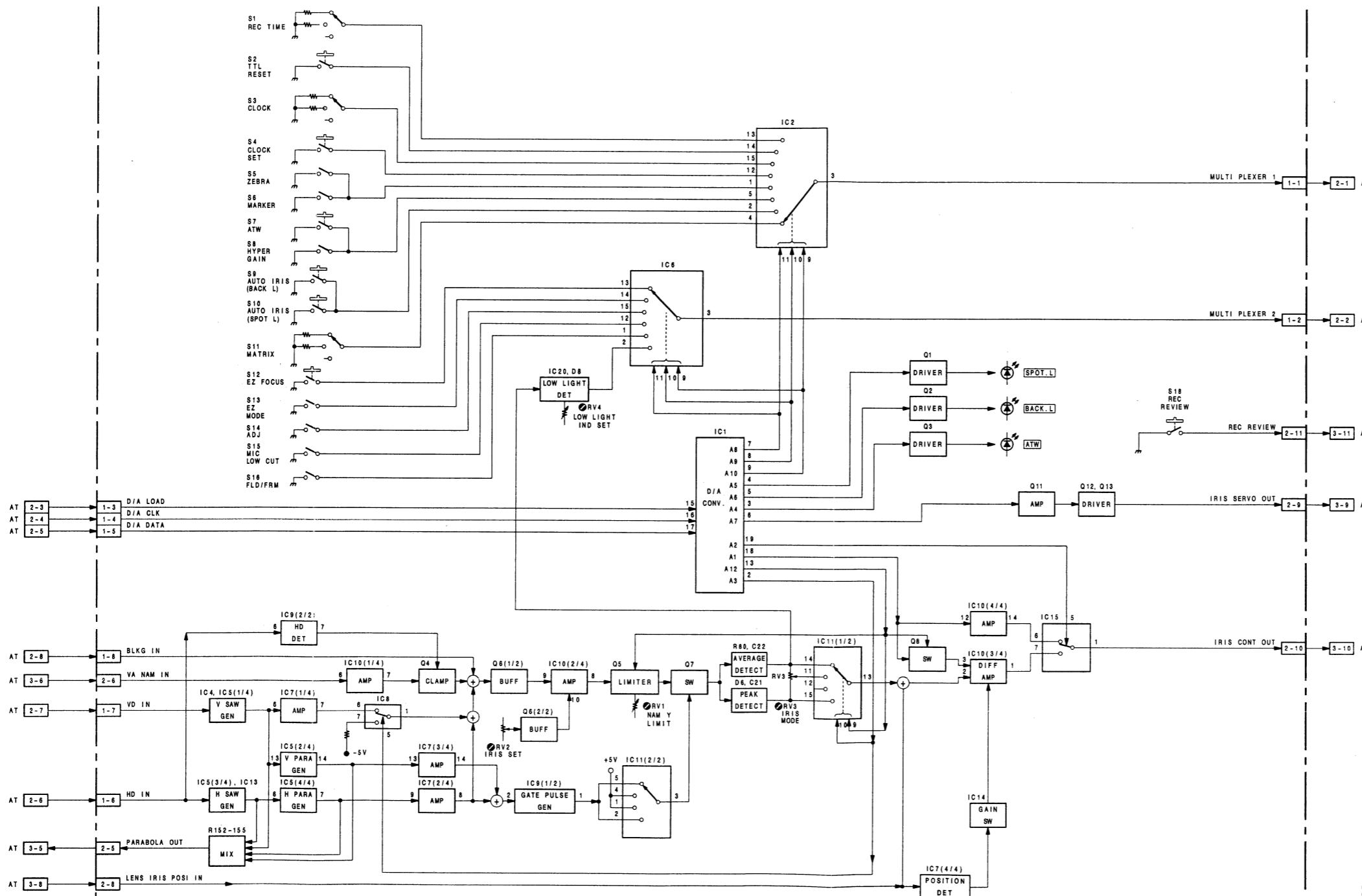
AT-93 BLOCK
DXC-637(J)
DXC-637(UC)
DXC-637P(EK, UC)

B-YDXC637-AT93BLOCK/M

DXC-637 (J)
DXC-637 (UC)
DXC-637P(EK)

SW-724 BLOCK SW-724 BLOCK

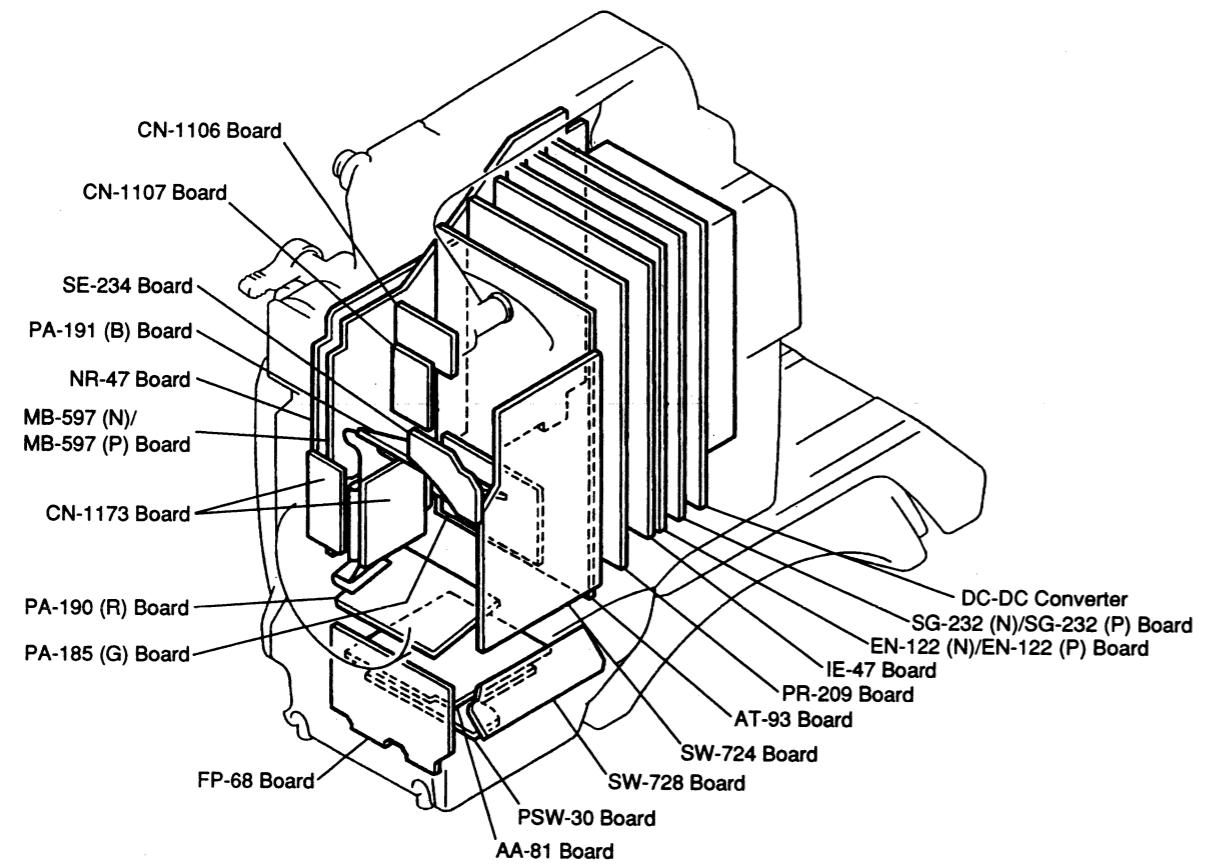
SW-724 BLOCK



SW-724 BLOCK
DXC-637(J)
DXC-637(UC)
DXC-637P(EK, UC)

B-DXC637-SW724BLOCKM

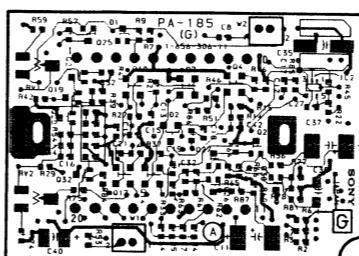
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SCHEMATIC DIAGRAMS AND BOARD ILLUSTRATIONS



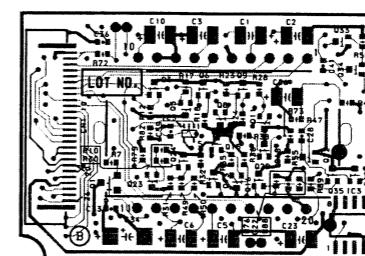
PA-185, 190, 191 CCD BLOCK

CCD BLOCK PA-185, 190, 191

PA-185 BOARD

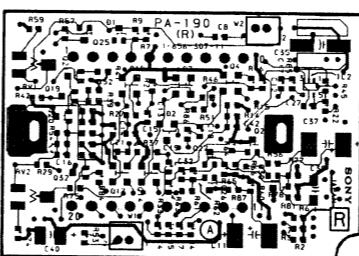


1-656-306-11 COMPONENT SIDE

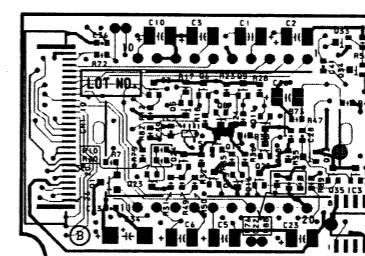


1-656-306-11 SOLDERING SIDE

PA-190 BOARD

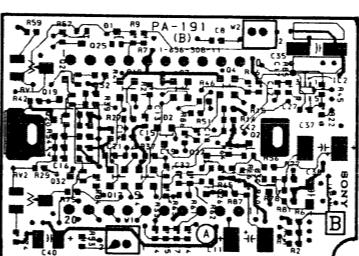


1-656-307-11 COMPONENT SIDE

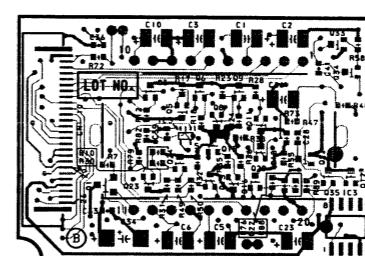


1-656-307-11 SOLDERING SIDE

PA-191 BOARD

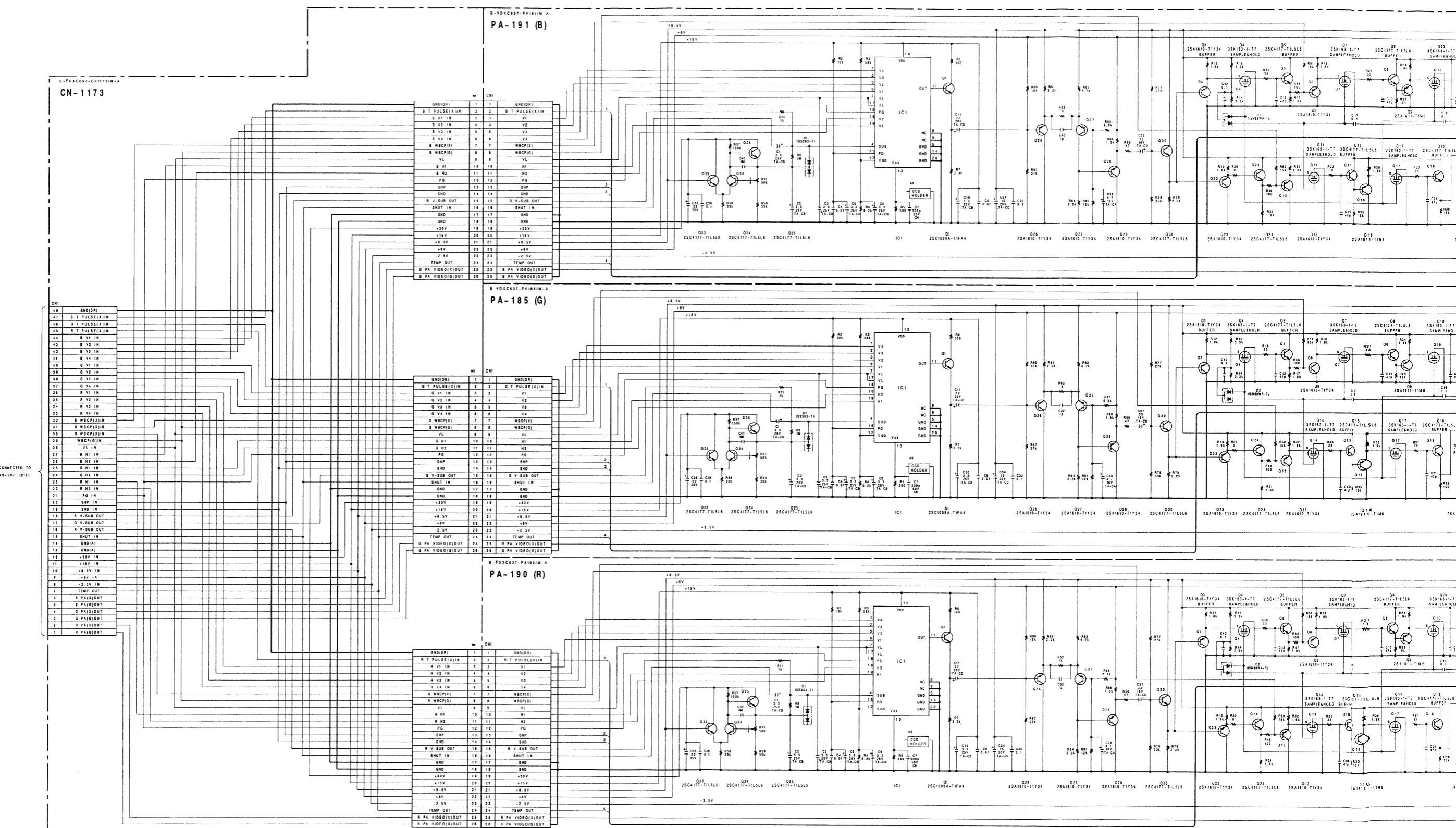


1-656-308-11 COMPONENT SIDE



1-656-308-11 SOLDERING SIDE

CCD BLOCK


 DXC-637 (J)
 DXC-637 (UC)
 DXC-637P (EK)

B - 3

B - 3

A

B

C

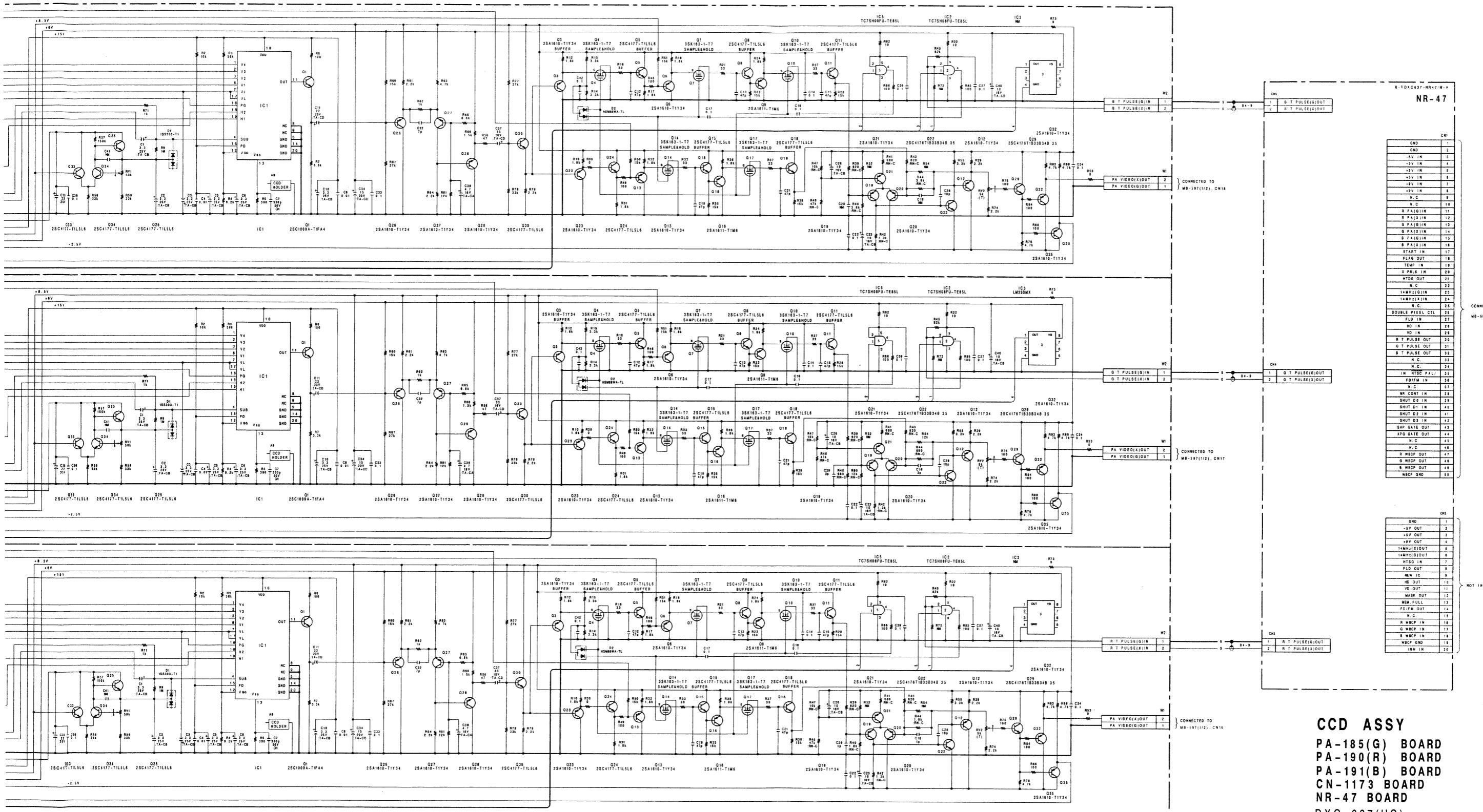
D

E

F

G

H



CCD ASSY
PA-185(G) BOARD
PA-190(R) BOARD
PA-191(B) BOARD
CN-1173 BOARD
NR-47 BOARD
XC-637(UC)
XC-637(J)
XC-637P(EK, UC)

X C 637 - C C D A S S Y / M
B - Y D X C 637 - P A 185 / M - A
B - Y D X C 637 - P A 190 / M - A
B - Y D X C 637 - P A 191 / M - A
B - Y D X C 637 - C N 1173 / M - A
B - Y D X C 637 - N D 47 / M - A

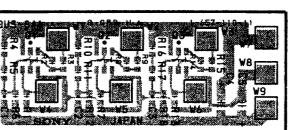
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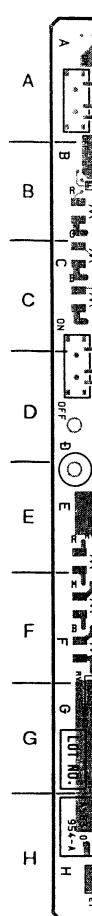
— 1 —

DUS-841 BOARD

PR-209



1-657-110-11 COMPONENT SIDE



PR-209 (1)

*: B SIDE

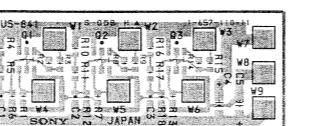
CN1 C-
CN2 E-DL401 E-
DL501 E-
DL601 E-
D1 F-
D2 F-
*D401 G-
*D501 G-
*D601 E-
*D602 G-

E1 H-

FL101 A-
FL201 A-
FL301 A-

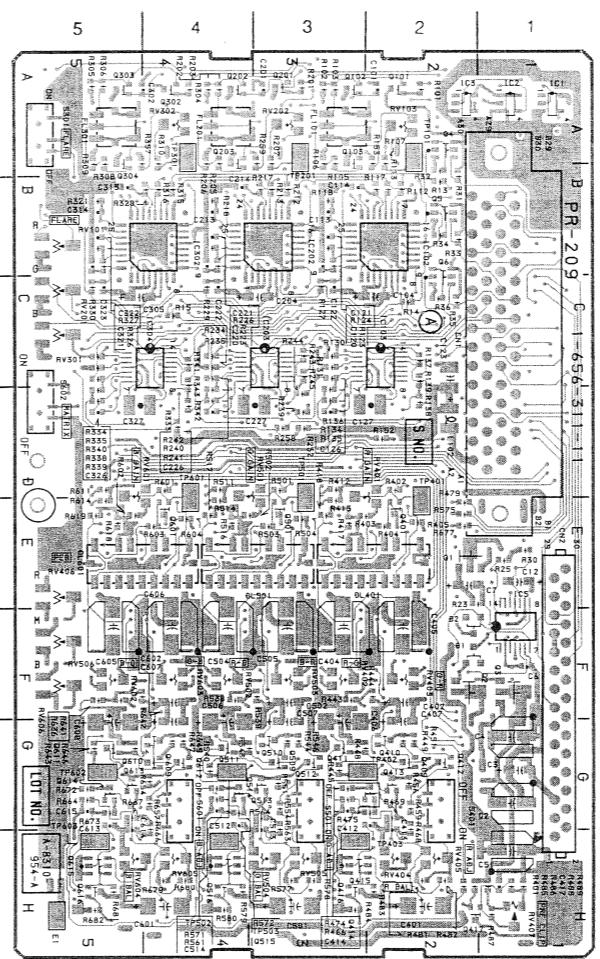
IC1 A-

DUS-841 BOARD

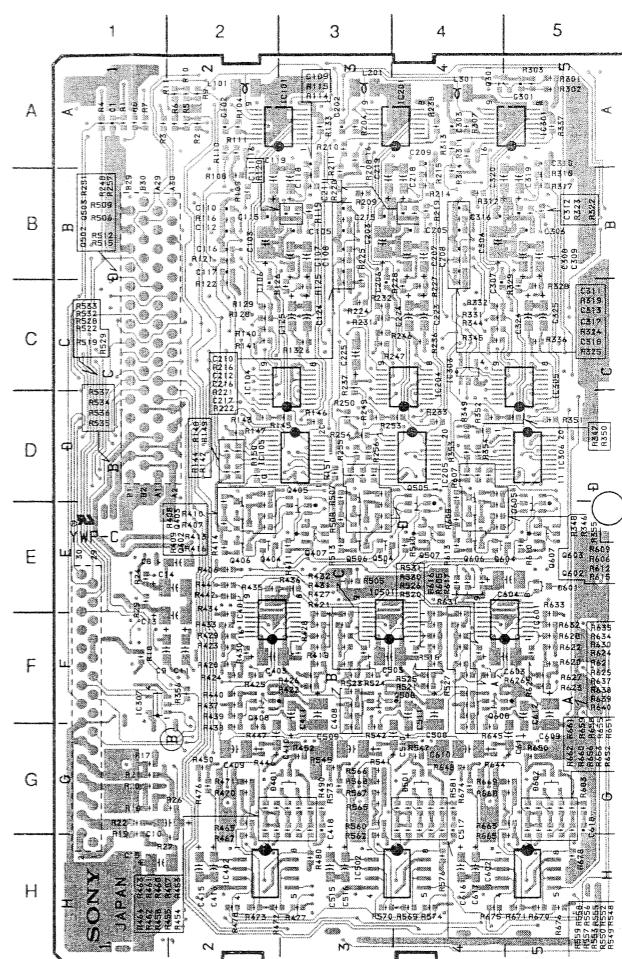


1-657-110-11 COMPONENT SIDE

PR-209 BOARD



1-656-311-11 COMPONENT SIDE



1-656-311-11 SOLDERING SIDE

PR-209 (1-656-311-11)

*: B SIDE

CN1	C-2	IC2	A-1	*IC401	F-2	Q103	A-3	Q413	G-2	Q601	E-4	RV202	A-3	S602	C-5
CN2	E-1	IC3	A-2	*IC402	H-2	Q201	A-3	Q414	H-3	*Q602	E-5	RV301	C-5		
		IC5	E-1	*IC501	E-3	Q202	A-4	Q415	H-3	*Q603	E-5	RV302	A-4	TP101	A-2
DL401	E-3	*IC101	A-3	*IC502	H-3	Q203	A-4	Q416	H-3	*Q604	E-4	RV401	D-2	TP201	B-3
DL501	E-4	IC102	B-2	*IC601	F-5	*Q301	A-4	Q501	E-3	*Q605	E-5	RV404	H-2	TP301	A-4
DL601	E-5	IC103	C-2	*IC602	H-4	Q302	A-4	*Q502	B-1	*Q606	E-4	RV405	H-2	TP401	D-2
D1	F-2	*IC104	D-2			Q303	A-5	*Q503	B-1	*Q607	E-5	RV406	E-5	TP402	G-2
D2	F-2	*IC105	D-2	*L101	A-2	Q304	B-5	*Q504	E-3	*Q608	F-4	RV407	H-1	TP403	H-2
*D401	G-2	*IC201	A-4	L102	D-2	Q401	E-2	*Q505	D-4	Q609	G-4	RV501	D-3	TP501	D-3
*D501	G-4	IC202	B-3	*L201	A-3	*Q402	E-2	*Q506	E-3	Q610	G-5	RV504	H-3	TP502	H-4
*D601	E-5	IC203	C-3	*L301	A-4	*Q403	E-2	*Q507	E-4	Q611	G-5	RV506	F-5	TP503	H-3
*D602	G-5	*IC204	D-4			*Q404	E-2	*Q508	F-4	Q612	G-4	RV601	D-4	TP601	D-4
		*IC205	D-4	Q1	E-2	*Q405	D-3	Q509	G-3	Q613	G-5	RV604	H-5	TP602	G-5
E1	H-5	*IC301	A-5	Q2	F-1	*Q406	E-2	Q510	G-3	Q614	G-5	RV605	H-4	TP603	G-5
		IC302	B-4	Q3	F-1	*Q407	E-3	Q511	G-4	Q615	H-5	RV606	F-5		
FL101	A-3	*IC303	C-4	Q4	A-2	*Q408	F-2	Q512	G-3	Q616	H-5			S301	A-5
FL201	A-4	IC304	C-4	Q5	B-2	Q409	G-2	Q513	G-3			S401	G-2		
FL301	A-5	*IC305	D-5	Q6	B-2	Q410	G-2	Q514	G-4	RV101	B-5	S501	G-3		
		*IC306	D-5	Q101	A-2	Q411	G-3	Q515	H-3	RV103	A-2	S601	G-4		
IC1	A-1	*IC307	F-1	Q102	A-3	Q412	G-2	Q516	H-4	RV201	C-5				

PR-209

VIDEO PROCESS

注意：

1. 波形写真は、下記条件にて測定。

- 本機にCA-537を接続する。
- オートホワイトバランスをとった後にグレースケールチャートを撮像し、波形モニターにてビデオアウトの白レベルが100 IREになるようにレンズ絞りをセットする。
- SWITCH POSITION

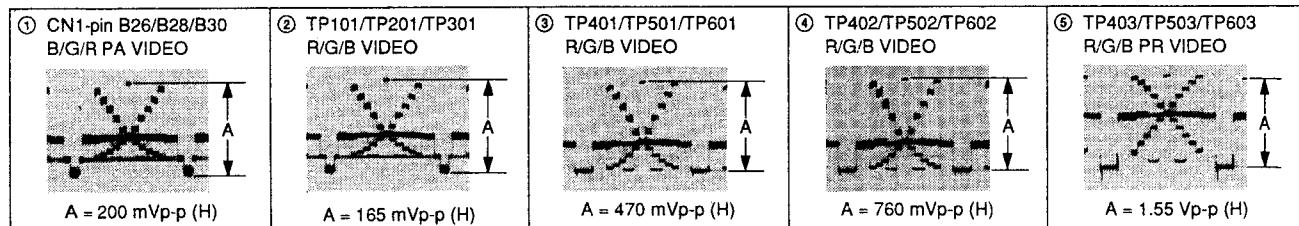
• OUTPUT : CAM(DCC OFF)	• CLOCK : OFF
• GAIN : 0dB	• HYPER GAIN : OFF
• WHITE BAL : PRESET	• MATRIX : OFF
• SHUTTER : OFF	• ATW : OFF
• ZEBRA MARKER : OFF	• A IRIS MODE : STD
• PHASE : 0°	

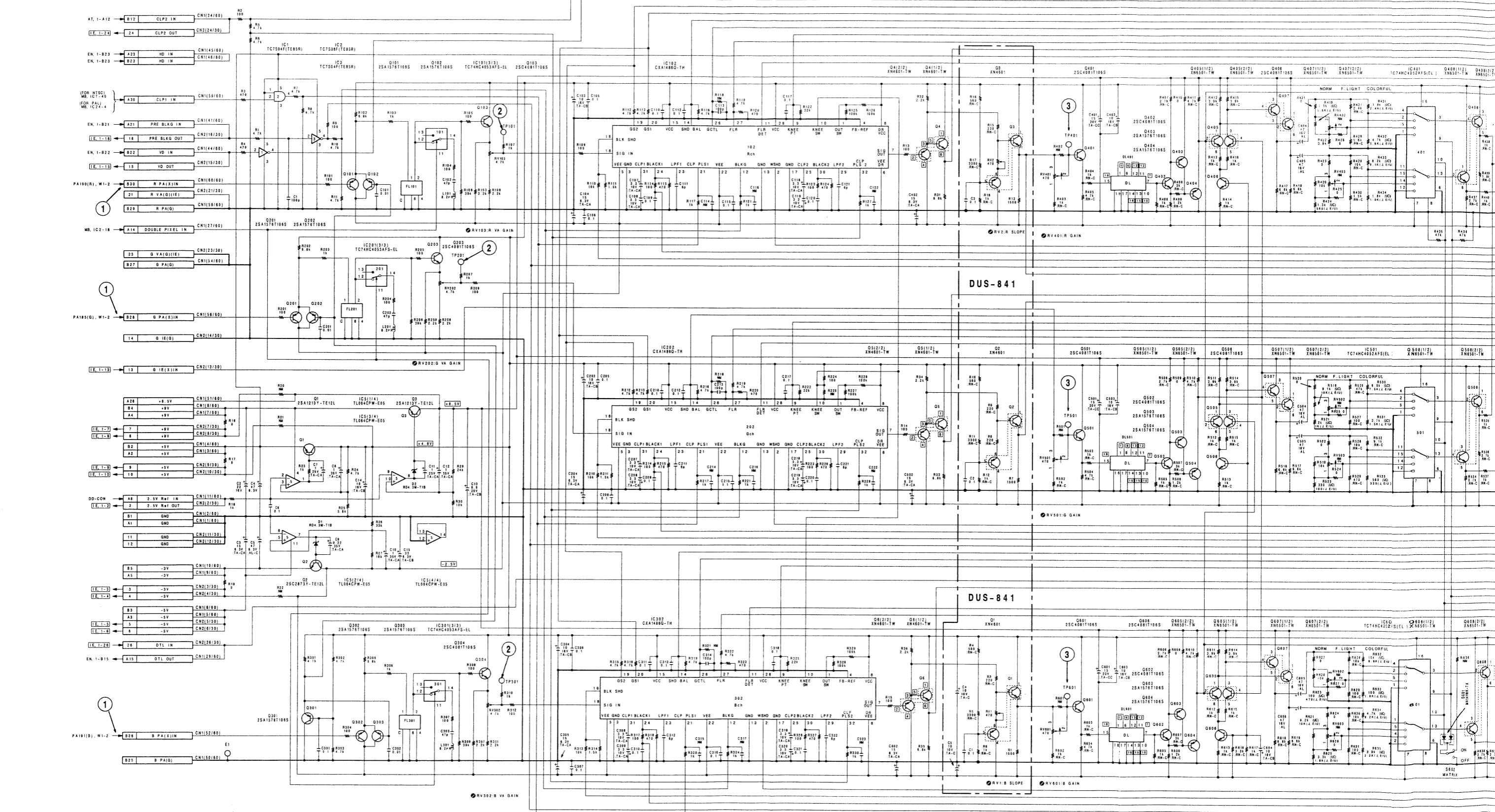
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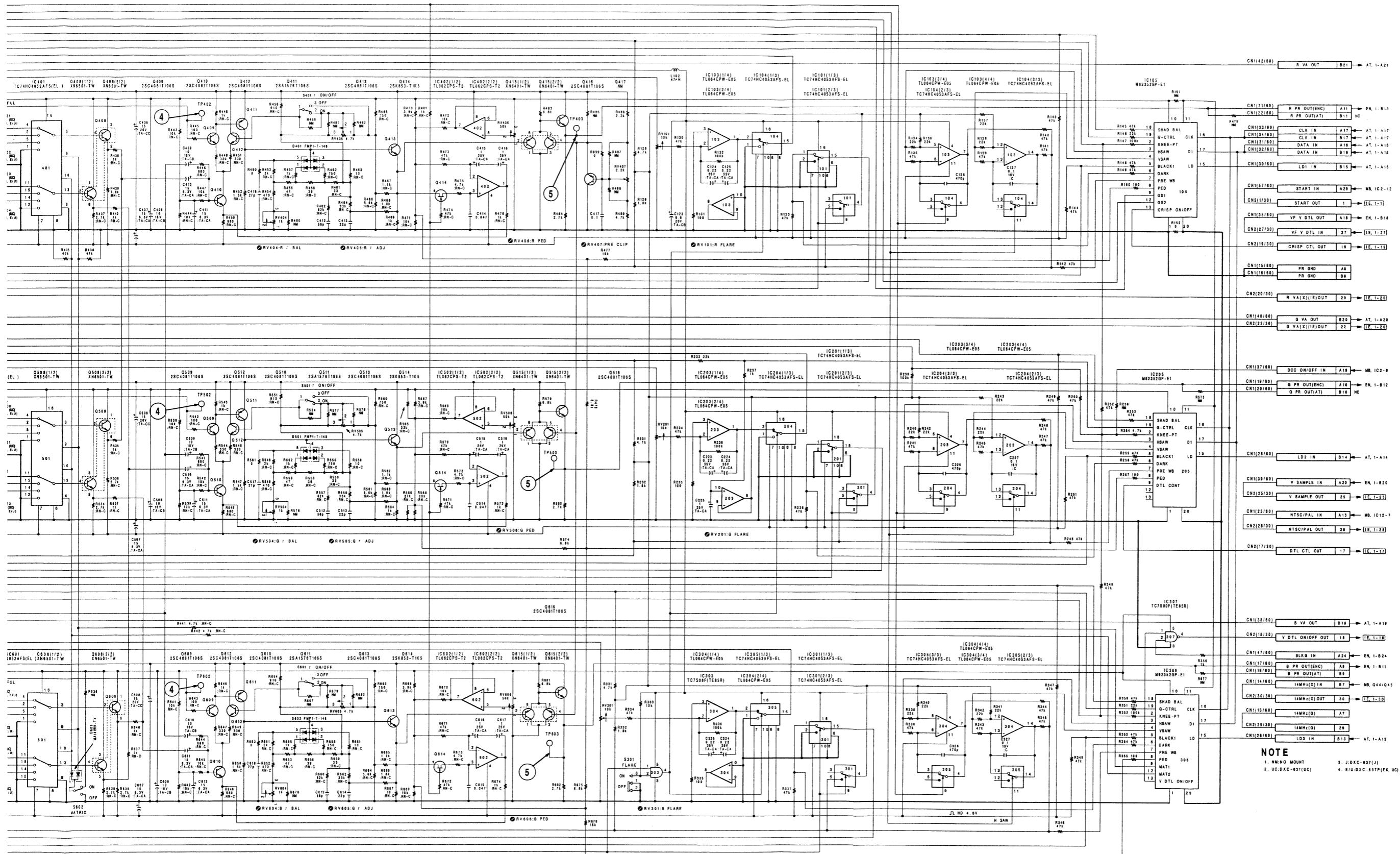
1. All waveforms are measured in condition below.

- Connect the camera adaptor CA-537/537P to the camera.
- After the auto white balance adjustment is completed, shooting the grayscale chart, adjust the lens iris so that the white level at VIDEO OUT is 100 IRE (PAL: 700 mV) on the waveform monitor.
- SWITCH POSITION

• OUTPUT : CAM(DCC OFF)	• CLOCK : OFF
• GAIN : 0dB	• HYPER GAIN : OFF
• WHITE BAL : PRESET	• MATRIX : OFF
• SHUTTER : OFF	• ATW : OFF
• ZEBRA MARKER : OFF	• A IRIS MODE : STD
• PHASE : 0°	



PR-209
DUS-841DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)

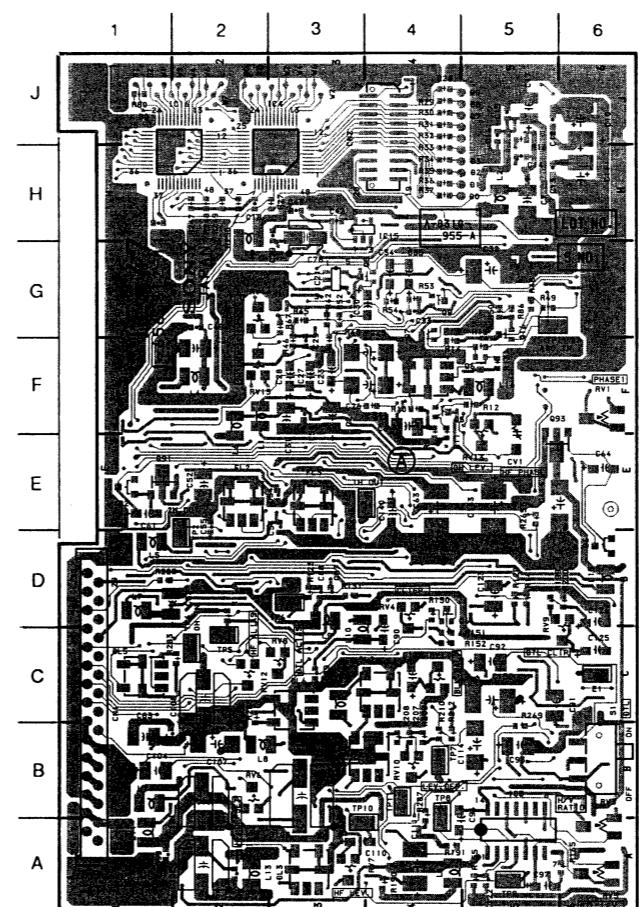


**PR-209 BOARD
DUS-841 BOARD**
DXC-637 (UC)
DXC-637 (J)
DXC-637 P (EK, UC)

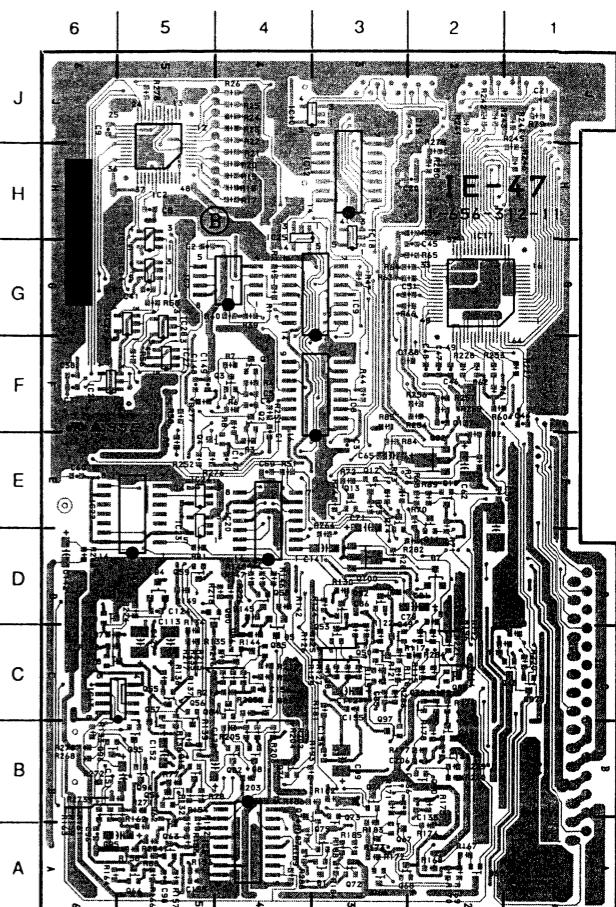
(A-DXC837-PR9/14-DUS)
(B-VDXC837-12D-5M-A)
(C-DXC837-DG4-1M-A)

NOTE
1. NMH/MOUNT
2. UC-DXC-637(J)
3. J:DXC-637(J)
4. E/UDXC-637(UC)

IE-47 BOARD



1-656-312-11 COMPONENT SIDE



1-656-312-11 SOLDERING SIDE

IE-47 (1-656-312-11)

*: B SIDE

CN1	C-1	FL3	E-3	*IC22	E-6	L12	A-1	*Q15	B-5	*Q67	A-3	*Q88	C-2	RV11	C-4
CV1	E-5	*IC1	H-5	*IC23	E-5	L13	A-3	Q16	G-5	*Q68	A-3	*Q90	B-2	RV12	C-2
		*IC2	H-5	*IC24	E-5	L14	B-1	*Q48	C-1	*Q69	B-2	Q91	E-1	RV13	E-5
DL2	C-3	IC4	J-3	*IC25	H-4	L15	D-6	*Q49	D-3	*Q70	A-3	*Q92	E-2	RV14	G-2
DL3	A-3	IC5	B-5	*IC26	F-6	L17	C-3	*Q50	C-3	*Q71	B-3	Q93	F-5	RV15	F-2
DL4	B-3	*IC6	A-5	*IC27	F-5			*Q51	D-3	*Q72	A-3	*Q94	B-5		
DL5	C-1	*IC7	G-5	*IC28	G-5	*Q1	F-4	*Q52	D-3	*Q73	B-3	*Q95	B-5	S1	C-6
DL6	C-3	*IC8	F-3	*IC29	G-6	*Q2	F-4	*Q53	C-3	*Q74	B-4	*Q96	B-6		
*D1	A-3	*IC9	G-3	L1	E-2	*Q4	E-5	*Q54	B-5	*Q75	A-3	*Q97	C-3	TP1	F-5
D2	E-1	*IC10	J-4	L2	H-5	Q5	F-4	*Q55	C-5	*Q76	B-4	*Q100	D-3	TP2	D-2
*D4	D-5	*IC11	G-5	L3	G-2	Q6	F-5	*Q56	C-5	*Q78	C-6			TP3	D-3
*D5	C-4	*IC12	H-4	L4	F-2	Q7	G-4	*Q57	C-5	*Q79	D-6	RV1	F-6	TP4	C-2
D6	D-6	*IC13	C-6	L5	D-1	Q8	G-4	*Q58	D-4	*Q80	D-4	RV3	B-6	TP5	C-2
*D7	D-2	IC15	H-4	L6	E-2	Q9	G-4	*Q59	D-5	*Q81	B-4	RV4	D-4	TP6	D-3
		IC16	J-2	L7	D-1	*Q10	E-2	*Q61	D-5	*Q82	B-4	RV5	A-6	TP7	B-4
E1	C-6	*IC17	H-2	L8	B-2	*Q11	D-2	*Q62	B-5	*Q83	C-4	RV6	B-2	TP8	B-4
		*IC18	H-3	L9	C-3	*Q12	E-3	*Q63	A-5	*Q84	C-5	RV7	A-4	TP9	A-5
FL1	F-4	*IC20	E-4	L10	C-3	*Q13	E-3	*Q64	A-5	*Q85	C-4	RV8	C-3	TP10	B-3
FL2	E-2	IC21	G-3	L11	A-1	*Q14	E-3	*Q65	A-2	*Q86	C-4	RV9	C-5	TP11	B-4
								*Q66	A-3	*Q87	C-1	RV10	B-4		

DXC-637 J, UC)
DXC-637F (EK)

IE-47 IMAGE ENHANCER

注意：

1. 波形写真は、下記条件にて測定。

- 本機にCA-537を接続する。
- オートホワイトバランスをとった後にグレースケールチャートを撮像し、波形モニターにてビデオアウトの白レベルが100 IREになるようにレンズ絞りをセットする。
- SWITCH POSITION

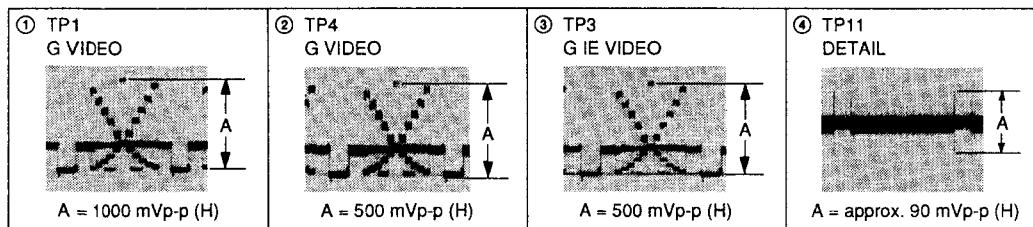
• OUTPUT : CAM(DCC OFF)	• CLOCK : OFF
• GAIN : 0dB	• HYPER GAIN : OFF
• WHITE BAL : PRESET	• MATRIX : OFF
• SHUTTER : OFF	• ATW : OFF
• ZEBRA MARKER : OFF	• A IRIS MODE : STD
• PHASE : 0°	

NOTE:

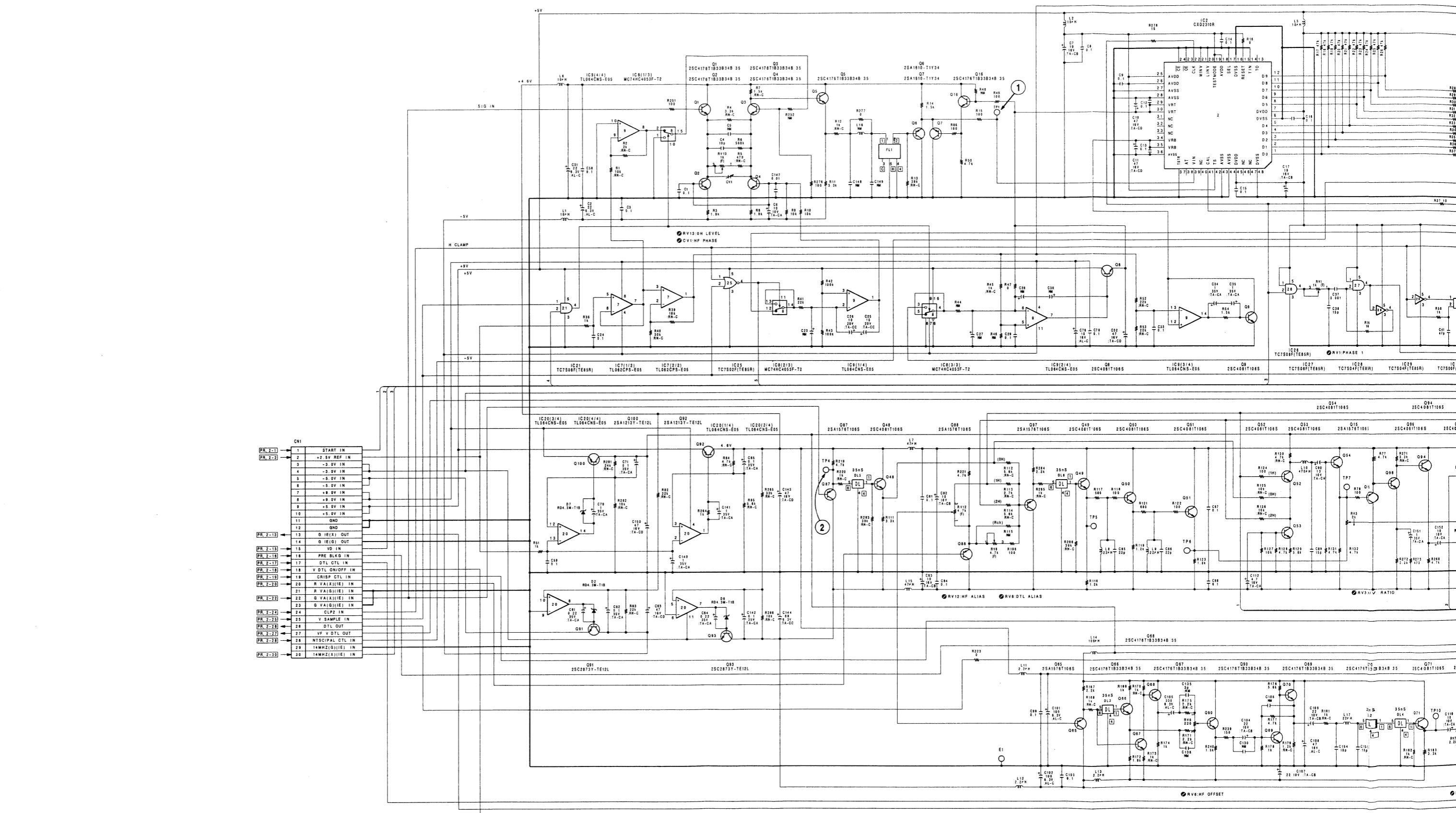
1. All waveforms are measured in condition below.

- Connect the camera adaptor CA-537/537P to the camera.
- After the auto white balance adjustment is completed, shooting the grayscale chart, adjust the lens iris so that the white level at VIDEO OUT is 100 IRE (PAL: 700 mV) on the waveform monitor.
- SWITCH POSITION

• OUTPUT : CAM(DCC OFF)	• CLOCK : OFF
• GAIN : 0dB	• HYPER GAIN : OFF
• WHITE BAL : PRESET	• MATRIX : OFF
• SHUTTER : OFF	• ATW : OFF
• ZEBRA MARKER : OFF	• A IRIS MODE : STD
• PHASE : 0°	



IE-47



DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)

B-11

B-11

A

B

C

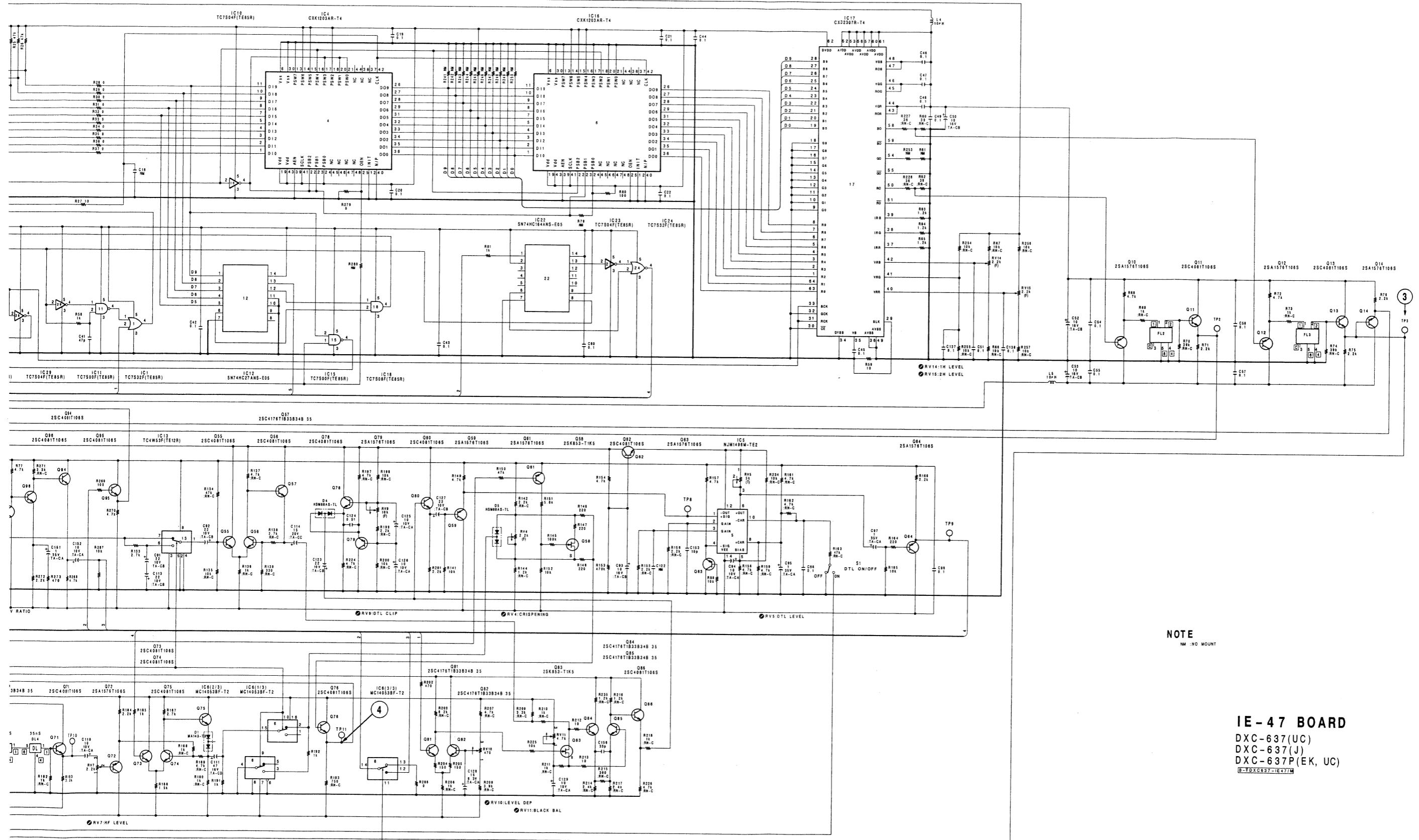
D

E

F

G

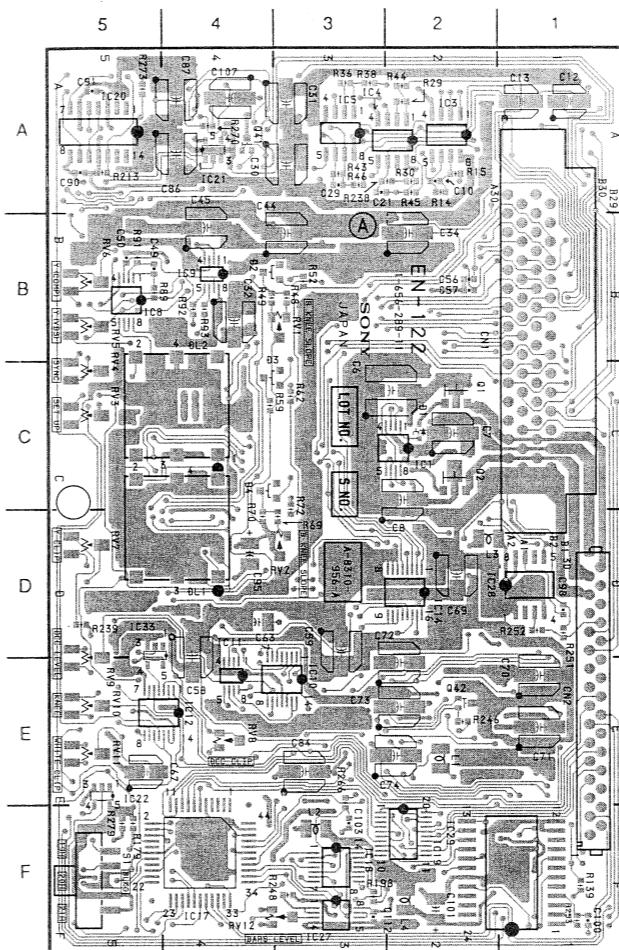
H



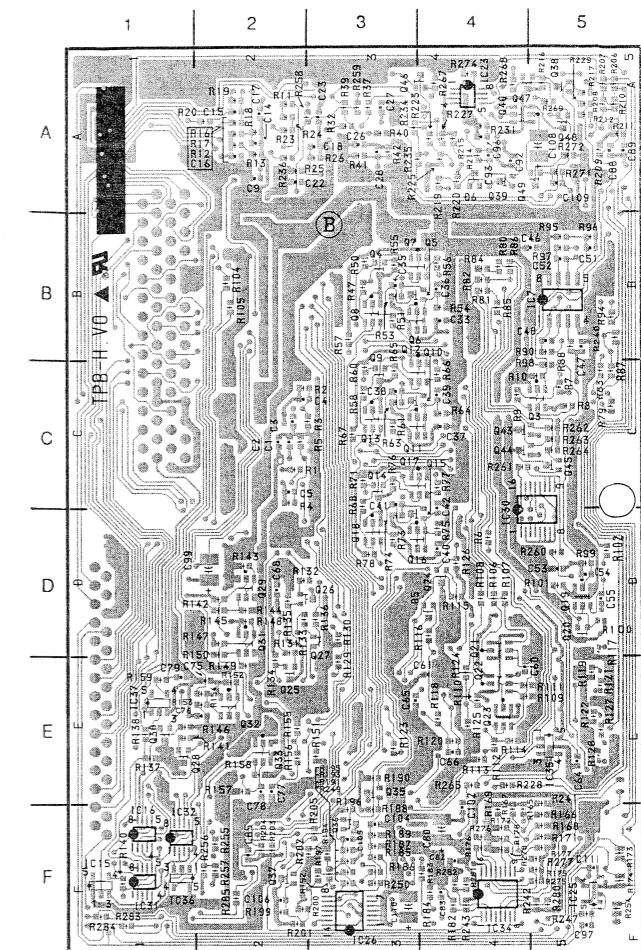
NOTE

I E - 4 7 B O A R D
DXC-637(UC)
DXC-637(J)
DXC-637P(EK, UC)
B-YDXC637-E47/M

EN-122 BOARD



1-656-289-11 COMPONENT SIDE



1-656-289-11 SOLDERING SIDE

EN-122 (1-656-289-11)

*: B SIDE

CN1	B-2	IC10	E-3	*IC31	F-1	*Q7	B-3	*Q26	D-3	*Q46	A-3
CN2	E-1	IC11	D-4	*IC32	F-1	*Q8	B-3	*Q27	D-3	*Q47	A-4
		IC12	E-4	IC33	D-5	*Q9	B-3	*Q28	E-1	*Q48	A-5
DL1	D-4	IC14	D-2	*IC34	F-4	*Q10	B-4	*Q29	D-2	*Q49	A-4
DL2	B-4	*IC15	F-1	*IC35	E-5	*Q11	C-3	*Q30	E-1		
D1	C-2	*IC16	F-1	*IC36	F-1	*Q12	B-3	*Q31	D-2	RV3	C-5
D2	B-4	IC17	F-4	*IC37	E-1	*Q13	C-3	*Q32	E-2	RV4	B-5
D3	B-4	IC18	F-3			*Q14	C-3	*Q33	E-2	RV5	B-5
D4	C-4	IC19	F-2	L1	E-2	*Q15	C-4	*Q35	E-3	RV6	B-5
*D5	D-3	IC20	A-5	L2	F-3	*Q16	D-3	*Q36	F-3	RV7	D-5
*D6	A-4	IC21	A-4	L3	D-2	*Q17	C-3	*Q37	F-2	RV8	E-3
		IC22	E-5	L4	F-2	*Q18	D-3	*Q38	A-5	RV9	E-5
IC1	C-2	*IC23	A-4			*Q19	D-5	*Q39	A-4	RV10	E-5
IC3	A-2	*IC25	F-5	Q1	C-2	*Q20	D-5	*Q40	A-4	RV11	E-5
IC4	A-3	*IC26	F-3	Q2	C-2	*Q21	D-4	Q41	A-4	RV12	F-4
IC5	A-3	IC27	F-3	*Q3	C-5	*Q22	E-4	Q42	E-2		
*IC7	B-5	IC28	D-2	*Q4	B-3	*Q23	E-4	*Q43	C-4	S1	F-5
IC8	B-5	IC29	F-2	*Q5	B-4	*Q24	D-4	*Q44	C-4		
IC9	B-4	*IC30	D-4	*Q6	B-3	*Q25	E-2	*Q45	C-5		

EN-122 ENCODER

注意：

1. 波形写真は、下記条件にて測定。

- 本機にCA-537を接続する。

• SWITCH POSITION

• OUTPUT : BARS	• CLOCK : OFF
• GAIN : 0dB	• HYPER GAIN : OFF
• WHITE BAL : PRESET	• MATRIX : OFF
• SHUTTER : OFF	• ATW : OFF
• ZEBRA MARKER : OFF	• A IRIS MODE : STD
• PHASE : 0°	

NOTE:

1. All waveforms are measured in condition below.

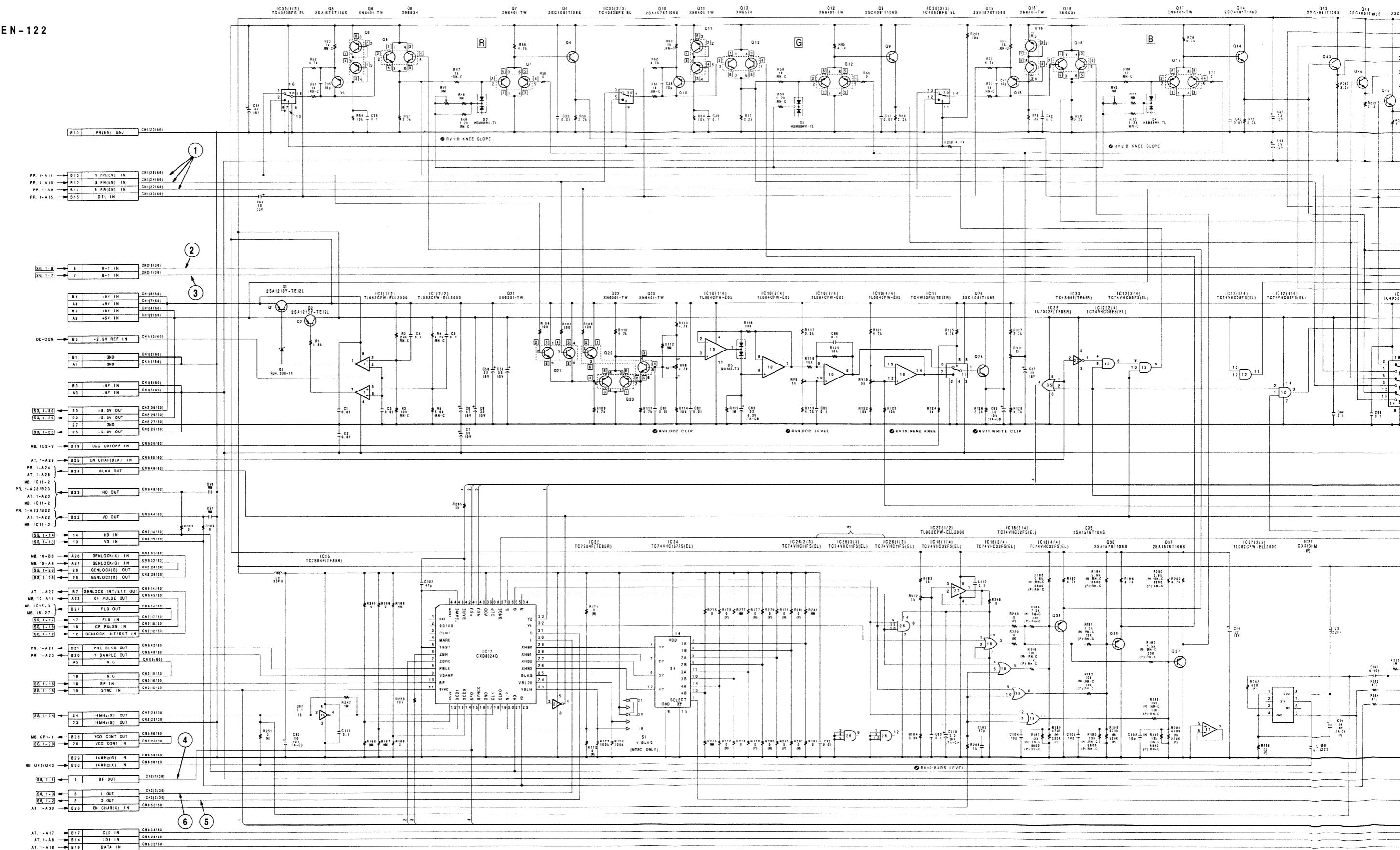
- Connect the camera adaptor CA-537/537P to the camera.

• SWITCH POSITION

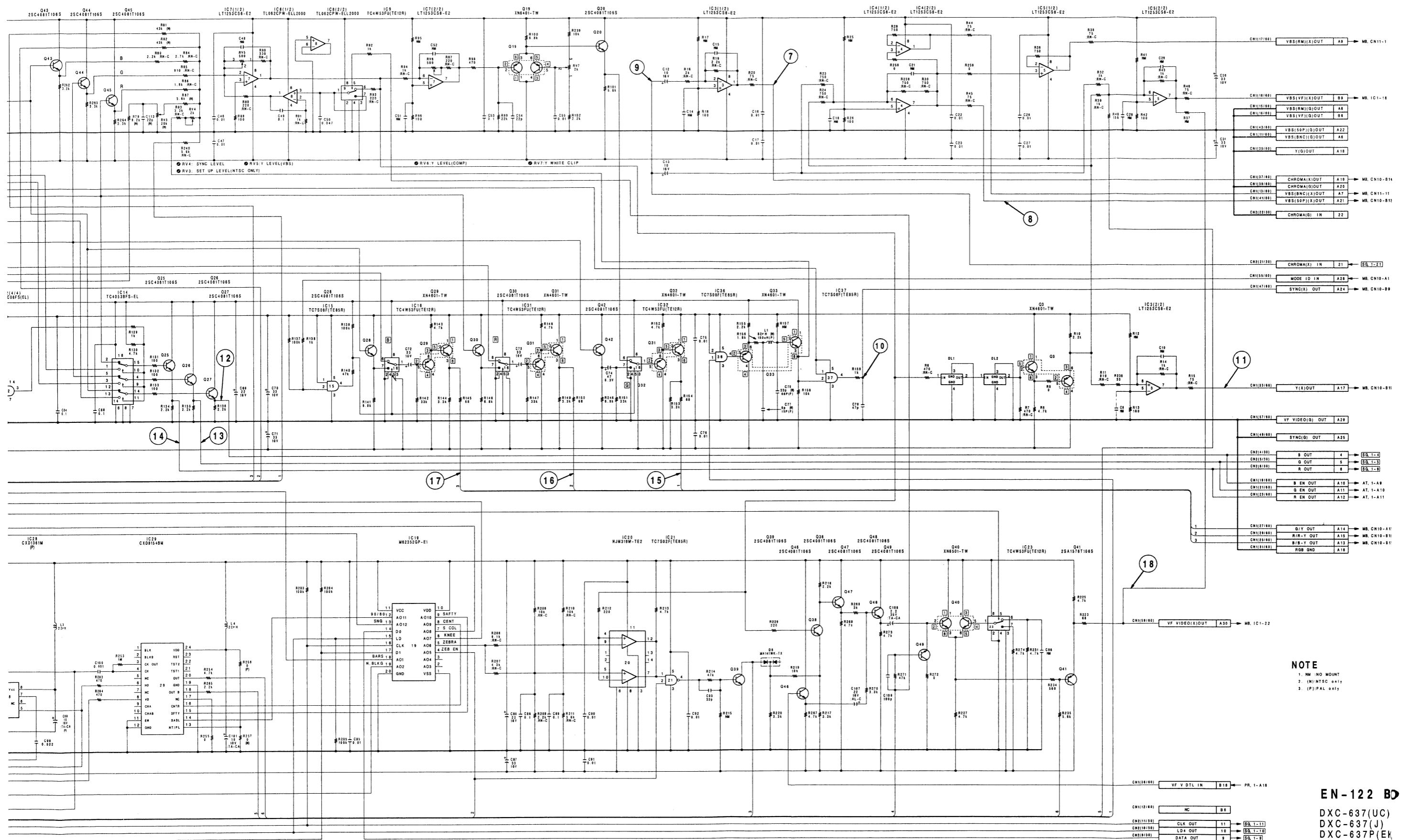
• OUTPUT : BARS	• CLOCK : OFF
• GAIN : 0dB	• HYPER GAIN : OFF
• WHITE BAL : PRESET	• MATRIX : OFF
• SHUTTER : OFF	• ATW : OFF
• ZEBRA MARKER : OFF	• A IRIS MODE : STD
• PHASE : 0°	

① CN1-pin B11/B12/B13 B/G/R PR VIDEO 	② CN2-pin 8 R-Y 	③ CN2-pin 7 B-Y 	④ CN2-pin 1 BF 	⑤ CN2-pin 2 Q/U VIDEO
⑥ CN2-pin 3 I/V VIDEO 	⑦ CN1-pin A19 CHROMA 	⑧ CN1-pin A21 VBS VIDEO (NTSC) 	⑨ CN1-pin A21 VBS VIDEO (PAL) 	⑩ CN2-pin 21 CHROMA
⑩ CN1-pin A24 SYNC 	⑪ CN1-pin A17 Y VIDEO (NTSC) 	⑫ CN1-pin A17 Y VIDEO (PAL) 	⑬ CN1-pin A10 B VIDEO (NTSC) 	⑭ CN1-pin A10 B VIDEO (PAL)
⑯ CN1-pin A11 G VIDEO (NTSC) 	⑯ CN1-pin A11 G VIDEO (PAL) 	⑯ CN1-pin A12 R VIDEO (NTSC) 	⑯ CN1-pin A12 R VIDEO (PAL) 	⑯ CN1-pin A14 G/Y VIDEO (NTSC)
⑯ CN1-pin A14 G/Y VIDEO (PAL) 	⑯ CN1-pin A15 R/R-Y VIDEO 	⑯ CN1-pin A13 B/B-Y VIDEO 	⑯ CN1-pin A30 VF VIDEO (NTSC) 	⑯ CN1-pin A30 VF VIDEO (PAL)

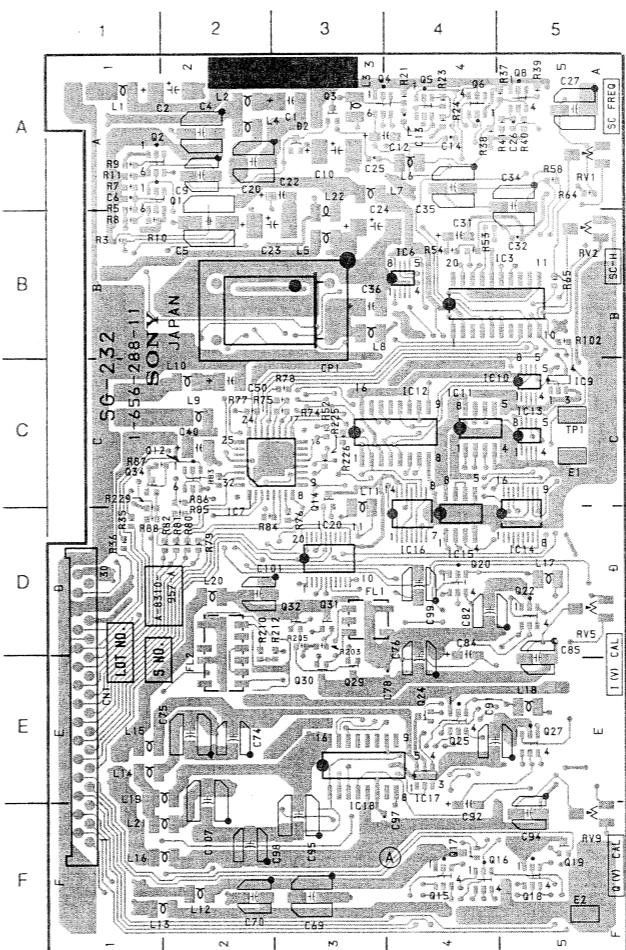
DXC-637 (J)
DXC-637 (U)
DXC-637P (E)



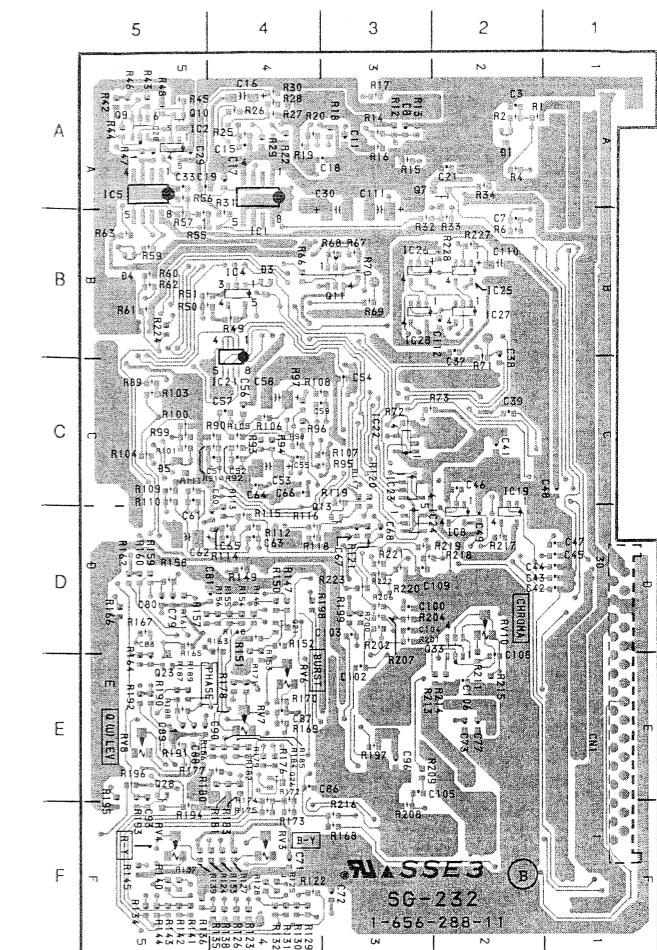
DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)



SG-232 BOARD



1-656-288-11 COMPONENT SIDE



1-656-288-11 SOLDERING SIDE

SG-232 (1-656-288-11)

*: B SIDE

CN1	E-1	*IC5	A-5	*IC25	B-2	L16	F-1	*Q13	D-3	*Q33	D-3
		IC6	B-4	*IC26	B-3	L17	D-5	Q14	C-3	Q34	C-1
CP1	C-3	IC7	D-2	*IC27	B-2	L18	E-5	Q15	F-4		
		*IC8	D-2	*IC28	B-3	L19	E-1	Q16	F-4	RV1	A-5
*D1	A-2	IC9	C-5			L20	D-2	Q17	F-4	RV2	B-5
D2	A-3	IC10	C-4	L1	A-1	L21	F-1	Q18	F-5	*RV3	F-4
*D3	B-4	IC11	C-4	L2	A-2	L22	A-3	Q19	F-5	*RV4	F-5
*D4	B-5	IC12	C-4	L3	A-3			Q20	D-4	RV5	D-5
*D5	C-5	IC13	C-5	L4	A-2	Q1	A-2	*Q21	D-4	*RV6	E-4
		IC14	D-5	L5	B-3	Q2	A-1	Q22	D-5	*RV7	E-4
E1	C-5	IC15	D-4	L6	A-4	Q3	A-3	*Q23	E-5	*RV8	E-5
E2	F-5	IC16	D-4	L7	A-4	Q4	A-4	Q24	E-4	RV9	F-5
		IC17	E-4	L8	B-3	Q5	A-4	Q25	E-4	*RV10	D-2
FL1	D-3	IC18	F-3	L9	C-2	Q6	A-4	*Q26	E-4		
FL2	E-2	*IC19	C-2	L10	C-2	*Q7	A-3	Q27	E-5	TP1	C-5
		IC20	D-3	L11	C-3	Q8	A-5	*Q28	E-5		
*IC1	B-4	*IC21	C-4	L12	F-2	*Q9	A-5	Q29	E-3		
*IC2	A-5	*IC22	C-3	L13	F-2	*Q10	A-5	Q30	E-3		
IC3	B-5	*IC23	C-3	L14	E-1	*Q11	B-3	Q31	D-3		
*IC4	B-4	*IC24	D-3	L15	E-1	Q12	C-1	Q32	D-3		

SG-232 SYNC GENERATOR

注意：

1. 波形写真は、下記条件にて測定。

- 本機にCA-537を接続する。

• SWITCH POSITION

• OUTPUT : BARS	• CLOCK : OFF
• GAIN : 0dB	• HYPER GAIN : OFF
• WHITE BAL : PRESET	• MATRIX : OFF
• SHUTTER : OFF	• ATW : OFF
• ZEBRA MARKER : OFF	• A IRIS MODE : STD
• PHASE : 0°	

NOTE:

- All waveforms are measured in condition below.

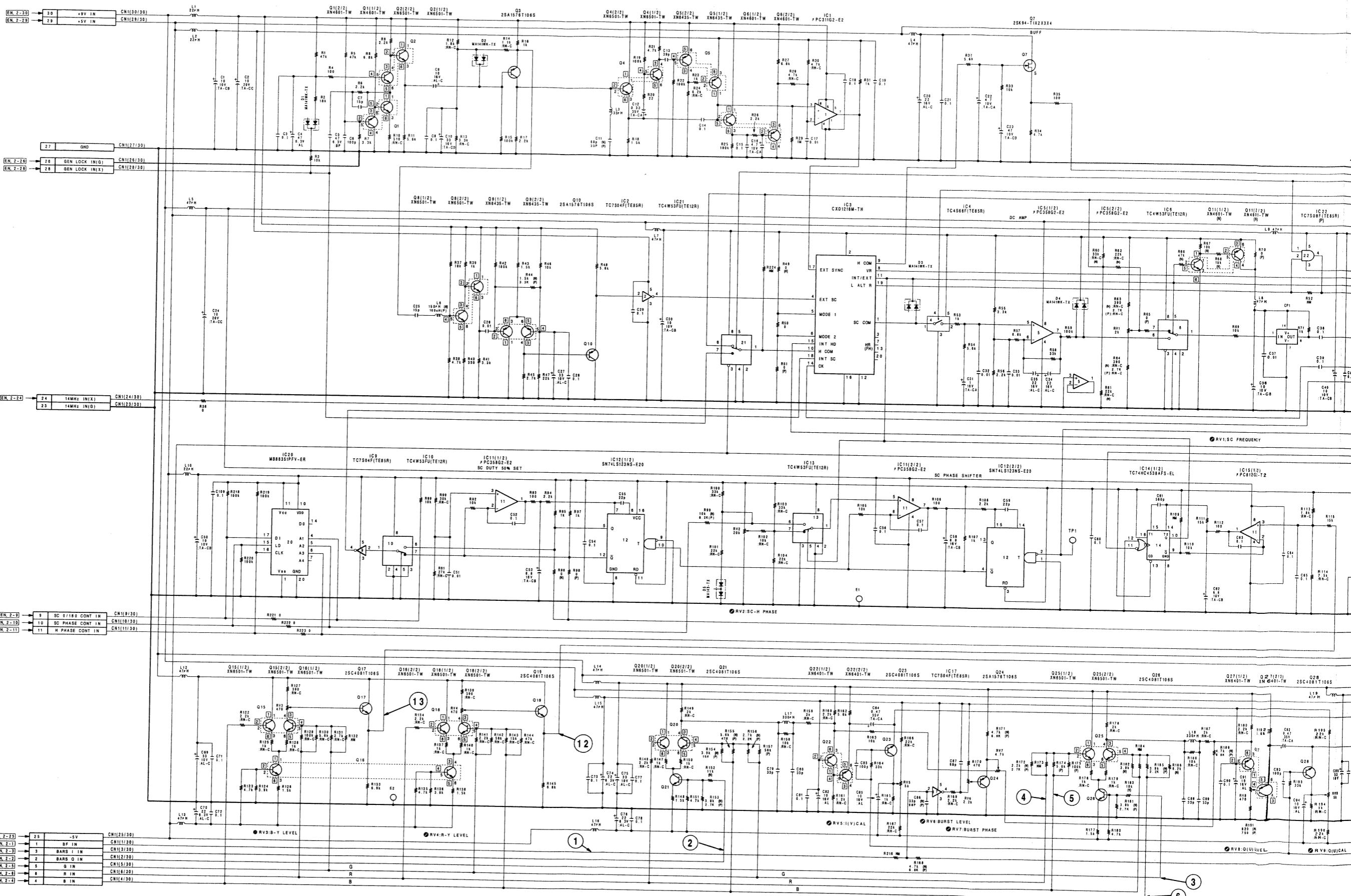
- Connect the camera adaptor CA-537/537P to the camera.

• SWITCH POSITION

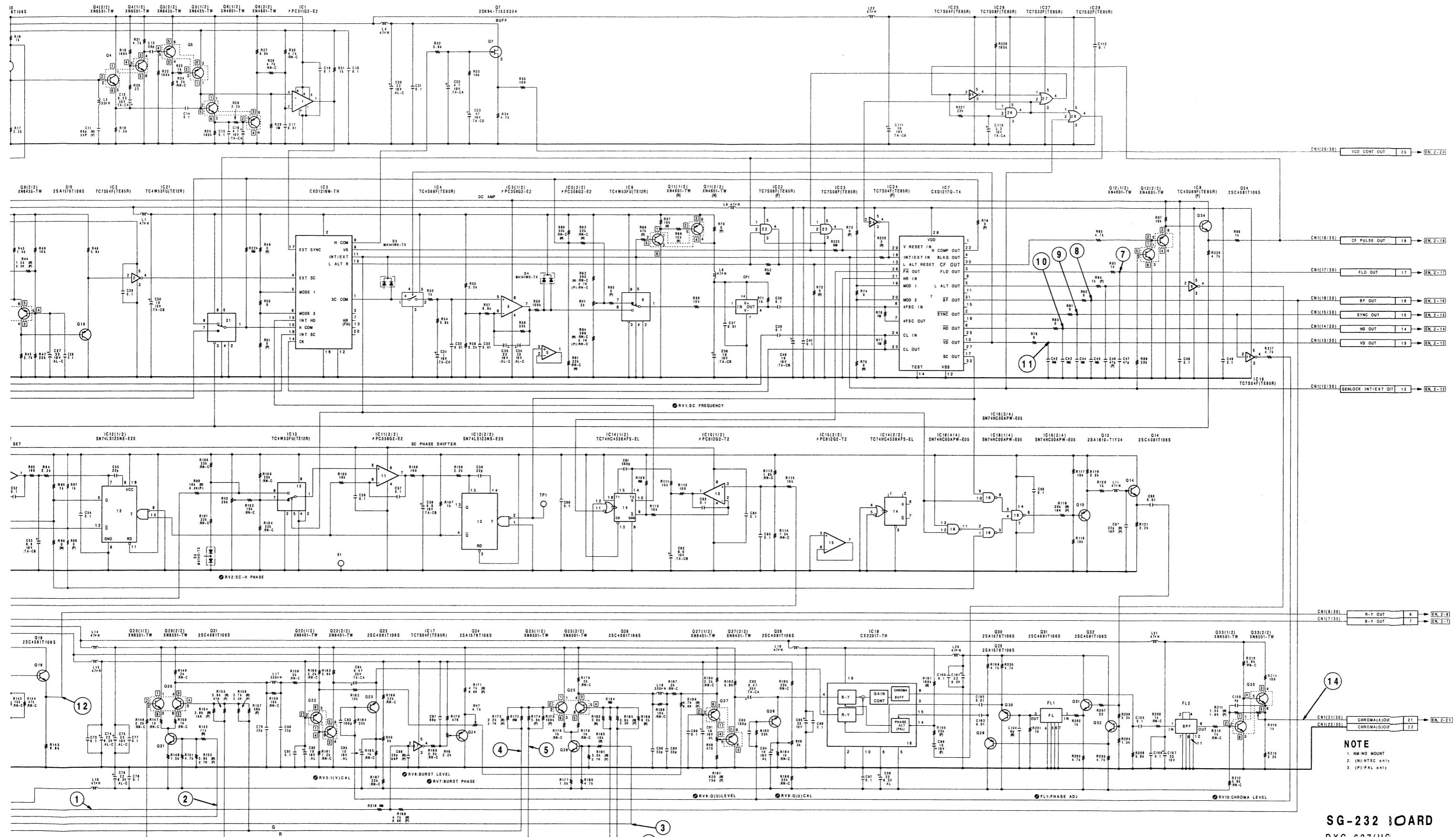
• OUTPUT : BARS	• CLOCK : OFF
• GAIN : 0dB	• HYPER GAIN : OFF
• WHITE BAL : PRESET	• MATRIX : OFF
• SHUTTER : OFF	• ATW : OFF
• ZEBRA MARKER : OFF	• A IRIS MODE : STD
• PHASE : 0°	

① CN1-pin1 BF	② CN1-pin 3 I/U VIDEO	③ CN1-pin 2 Q/U VIDEO	④ CN1-pin 5 G VIDEO (NTSC)	④ CN1-pin 5 G VIDEO (PAL)
4.55 Vp-p (H)	4.55 Vp-p (H)	4.55 Vp-p (H)	A = 1.52 Vp-p (H)	A = 1.52 Vp-p (H)
⑤ CN1-pin 6 R VIDEO (NTSC)	⑤ CN1-pin 6 R VIDEO (PAL)	⑥ CN1-pin 4 B VIDEO (NTSC)	⑥ CN1-pin 4 B VIDEO (PAL)	⑦ CN1-pin 17 FLD
A = 1.52 Vp-p (H)	A = 1.52 Vp-p (H)	A = 1.52 Vp-p (H)	A = 1.52 Vp-p (H)	4.84 Vp-p (V)
⑧ CN1-pin 16 BF	⑨ CN1-pin 15 SYNC	⑩ CN1-pin 14 HD	⑪ CN1-pin 13 VD	⑫ CN1-pin 8 R-Y
4.86 Vp-p (H)	4.88 Vp-p (H)	4.86 Vp-p (H)	4.92 Vp-p (H)	A = J:838 mVp-p UC:776 mVp-p EK:582 mVp-p
⑬ CN1-pin 7 B-Y	⑭ CN1-pin 21 CHROMA			
A = J:838 mVp-p UC:776 mVp-p EK:582 mVp-p	A = 670 mVp-p			

SG-232



DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)

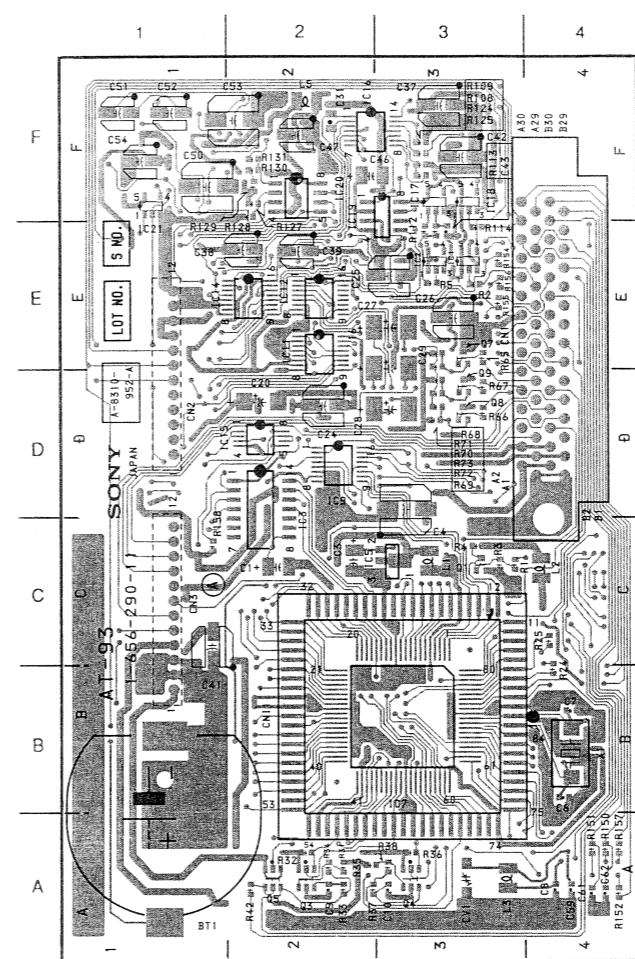


SG-232 BOARD

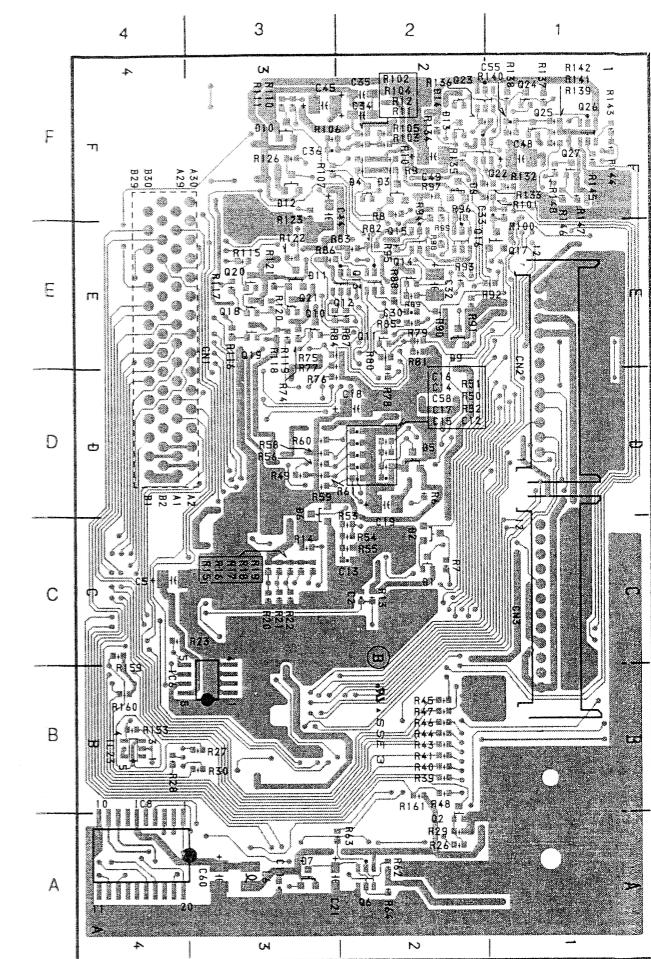
DXC-637(UC)
DXC-637(J)
DXC-637P(EK, UC)

B-YDXC637-50232M

AT-93 BOARD



1-656-290-11 COMPONENT SIDE



1-656-290-11 SOLDERING SIDE

AT-93 (1-656-290-11)

*: B SIDE

BT1	A-1	*D13	F-2	IC21	E-1	*Q13	E-2
		*D14	F-2		L1	C-3	*Q14 E-2
CN1	E-3				L2	C-4	*Q15 E-2
*CN2	E-1	IC1	E-3		L3	A-3	*Q16 E-2
*CN3	C-1	IC2	E-3		L5	F-2	*Q17 E-1
		IC3	C-2				*Q18 E-3
CV1	A-3	IC5	C-2	*L6	A-3	*Q19	E-3
		*IC6	B-4			*Q20	E-3
*D1	C-2	IC7	B-3	Q1	C-3	*Q21	E-3
*D2	C-2	*IC8	B-4	*Q2	A-2	*Q22	F-1
*D3	F-2	IC9	D-2	Q3	A-2	*Q23	F-2
*D4	F-2	IC11	E-2	Q4	A-3	*Q24	F-1
*D5	D-2	IC12	E-2	Q5	A-2	*Q25	F-1
*D6	D-3	IC14	E-1	*Q6	A-2	*Q26	F-1
*D7	A-3	IC15	D-1	Q7	E-3	*Q27	F-1
*D8	F-2	IC16	F-2	Q8	D-3		
*D9	E-2	IC17	F-3	Q9	D-3	X1	B-4
*D10	F-3	IC18	F-3	*Q10	E-3		
*D11	E-3	IC19	E-2	*Q11	E-2		
*D12	F-3	IC20	F-2	*Q12	E-2		

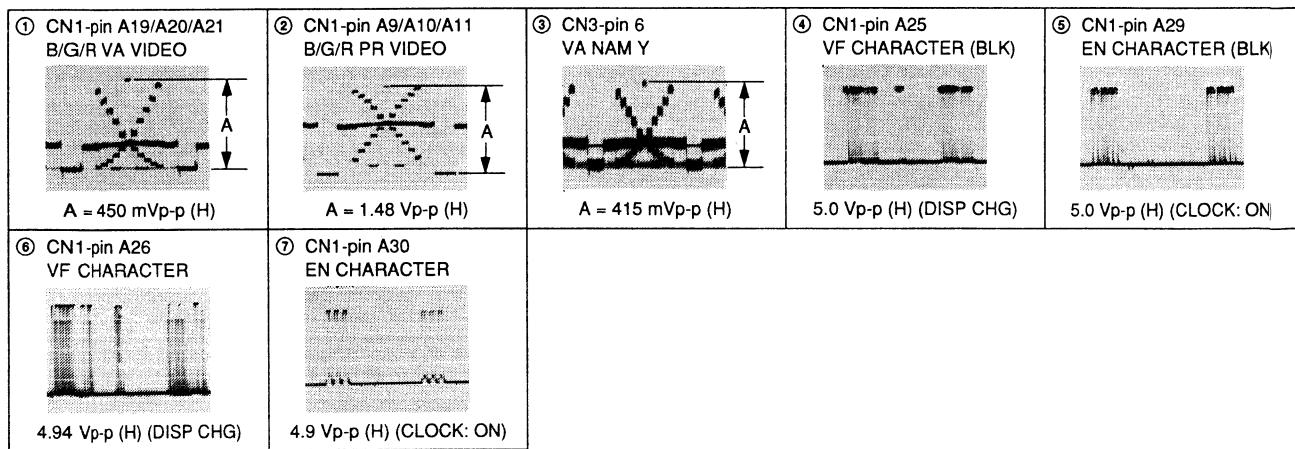
AT-93 SYSTEM CONTROL

注意：

1. 波形写真は、下記条件にて測定。

- 本機にCA-537を接続する。
- オートホワイトバランスをとった後にグレースケールチャートを撮像し、波形モニターにてビデオアウトの白レベルが100 IREになるようにレンズ絞りをセットする。
- DISP CHGスイッチ／カメラ側面を押し下げて、ビューファインダー画面をステータス表示画面にします。
- SWITCH POSITION

• OUTPUT : CAM(DCC OFF)	• CLOCK : OFF
• GAIN : 0dB	• HYPER GAIN : OFF
• WHITE BAL : PRESET	• MATRIX : OFF
• SHUTTER : OFF	• ATW : OFF
• ZEBRA MARKER : OFF	• A IRIS MODE : STD
• PHASE : 0°	



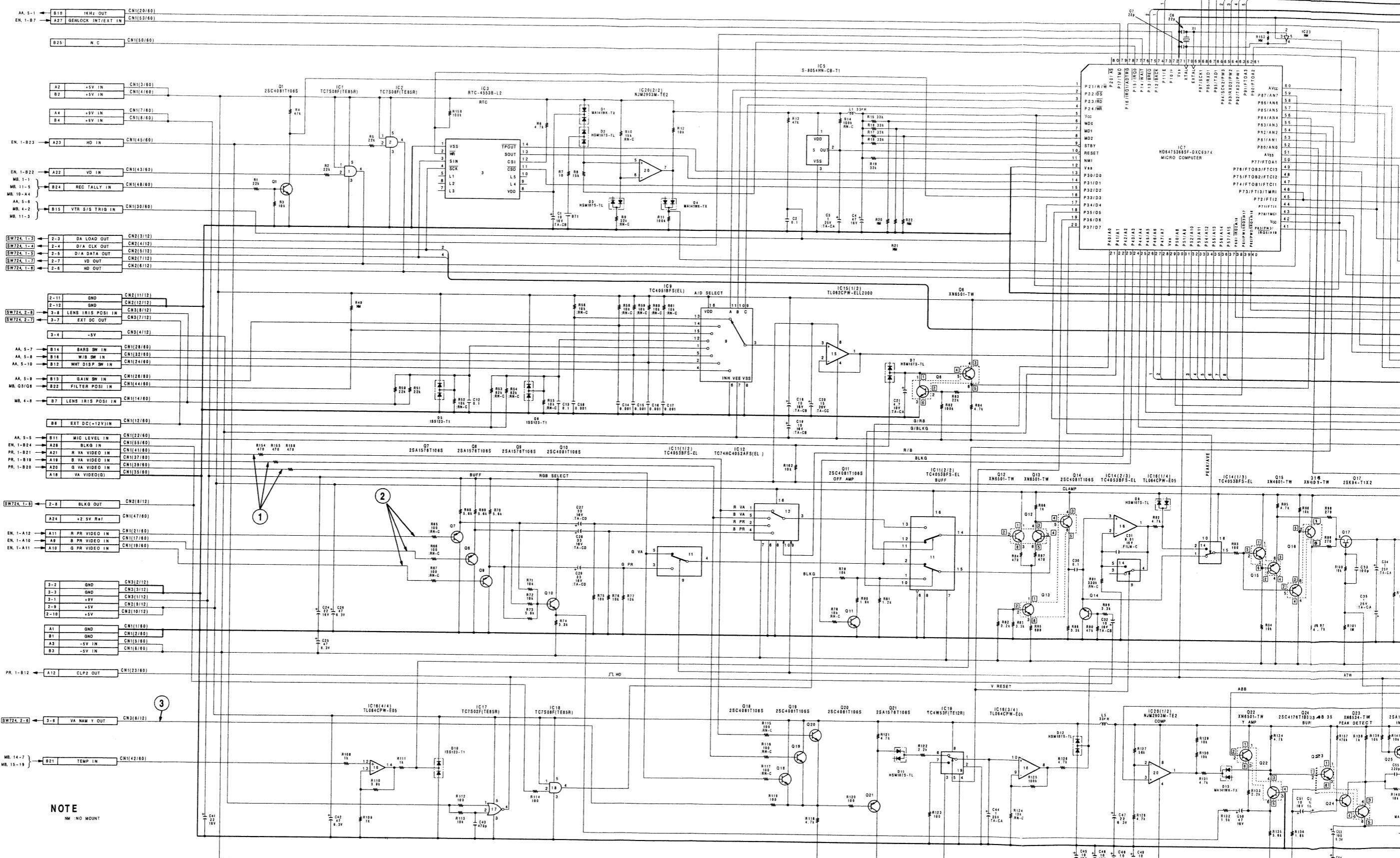
NOTE:

1. All waveforms are measured in condition below.

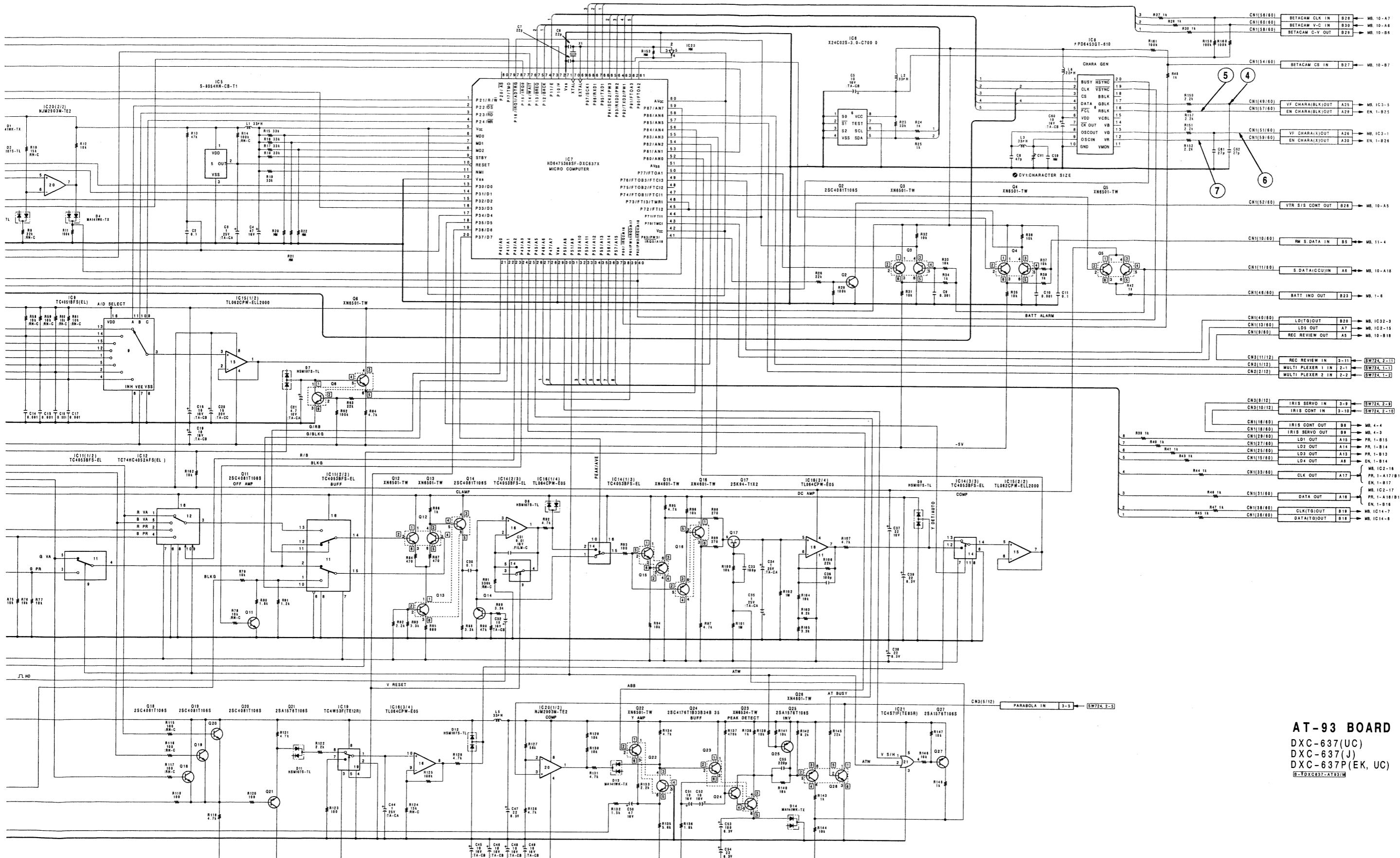
- Connect the camera adaptor CA-537/537P to the camera.
- After the auto white balance adjustment is completed, shooting the grayscale chart, adjust the lens iris so that the white level at VIDEO OUT is 100 IRE (PAL: 700 mV) on the waveform monitor.
- Press the DISP CHG switch on the camera side panel so that the menu display appears on the viewfinder screen.
- SWITCH POSITION

• OUTPUT : CAM(DCC OFF)	• CLOCK : OFF
• GAIN : 0dB	• HYPER GAIN : OFF
• WHITE BAL : PRESET	• MATRIX : OFF
• SHUTTER : OFF	• ATW : OFF
• ZEBRA MARKER : OFF	• A IRIS MODE : STD
• PHASE : 0°	

AT-93

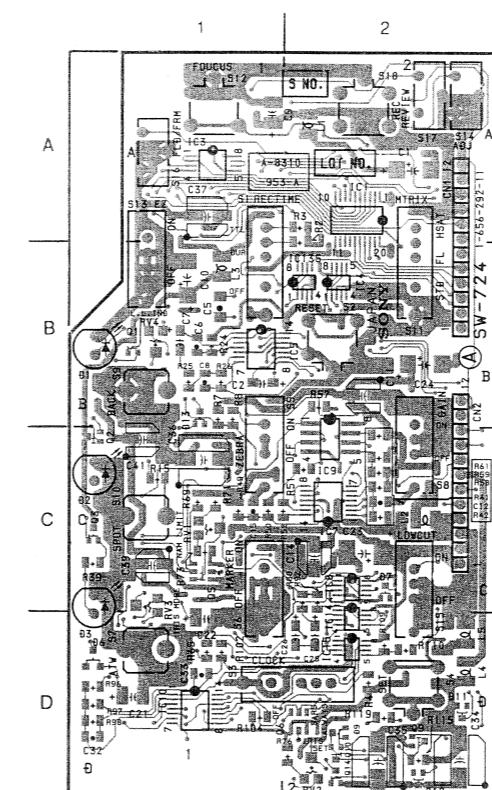


DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)

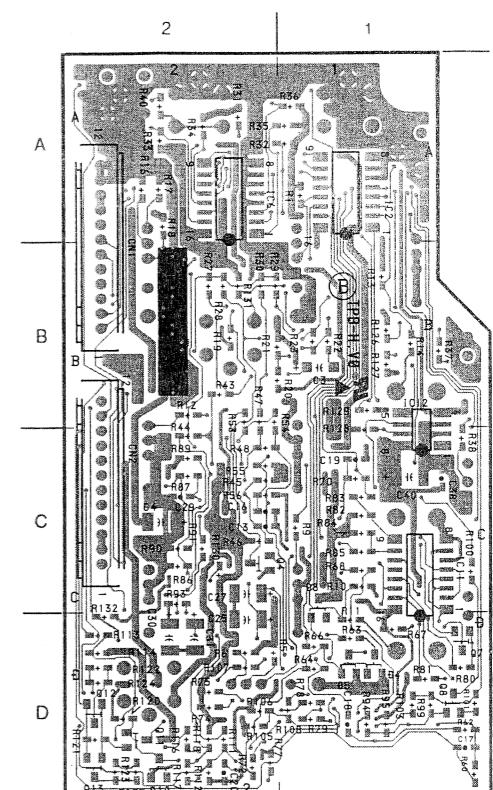


AT-93 BOARD
DXC-637(UC)
DXC-637(J)
DXC-637P(EK, UC)
B-IDXC637-AT93M

SW-724 BOARD



1-656-292-11 COMPONENT SIDE



1-656-292-11 SOLDERING SIDE

SW-724 (1-656-292-11)

*: B SIDE

*CN1	A-2	*IC11	C-1	RV2	D-2
*CN2	C-2	*IC12	B-1	RV3	D-1
		IC13	B-2	RV4	B-1
D1	B-1	IC14	D-2		
D2	C-1	IC15	D-2	S1	A-1
D3	D-1			S2	B-2
*D4	D-1	L1	A-2	S3	D-1
*D5	D-1	L2	C-2	S4	D-2
D6	D-1	L3	B-1	S5	B-2
D7	C-2	L4	D-2	S6	D-1
*D8	C-1	L5	D-2	S7	D-1
D9	D-2			S8	C-2
*D10	D-2	Q1	B-1	S9	B-1
D11	D-2	Q2	C-1	S10	C-1
D12	D-2	Q3	C-1	S11	B-2
D13	B-1	*Q4	C-1	S12	A-1
		Q5	C-1	S13	A-1
IC1	A-2	Q6	D-1	S14	A-2
*IC2	A-1	*Q7	D-1	S15	D-2
IC3	A-1	*Q8	D-1	S16	A-1
IC4	B-2	Q9	D-2	S18	A-2
IC5	B-2	Q10	D-2		
*IC6	A-2	*Q11	D-2		
IC7	C-2	*Q12	D-2		
IC8	C-2	*Q13	D-2		
IC9	C-2				
IC10	D-1	RV1	C-1		

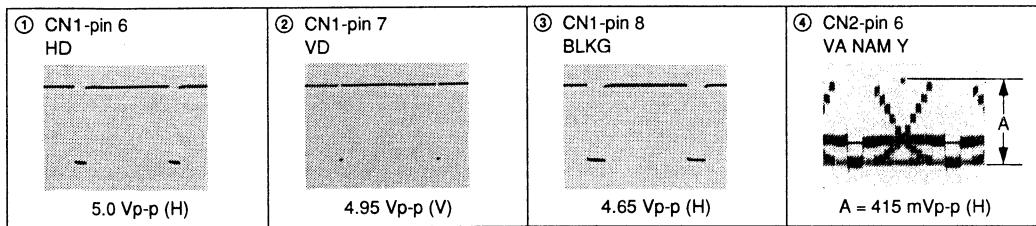
SW-724 SWITCH PANEL

注意：

1. 波形写真は、下記条件にて測定。

- 本機にCA-537を接続する。
- オートホワイトバランスをとった後にグレースケールチャートを撮像し、波形モニターにてビデオアウトの白レベルが100 IREになるようにレンズ絞りをセットする。
- SWITCH POSITION

• OUTPUT : CAM(DCC OFF)	• CLOCK : OFF
• GAIN : 0dB	• HYPER GAIN : OFF
• WHITE BAL : PRESET	• MATRIX : OFF
• SHUTTER : OFF	• ATW : OFF
• ZEBRA MARKER : OFF	• A IRIS MODE : STD
• PHASE : 0°	



SW-724

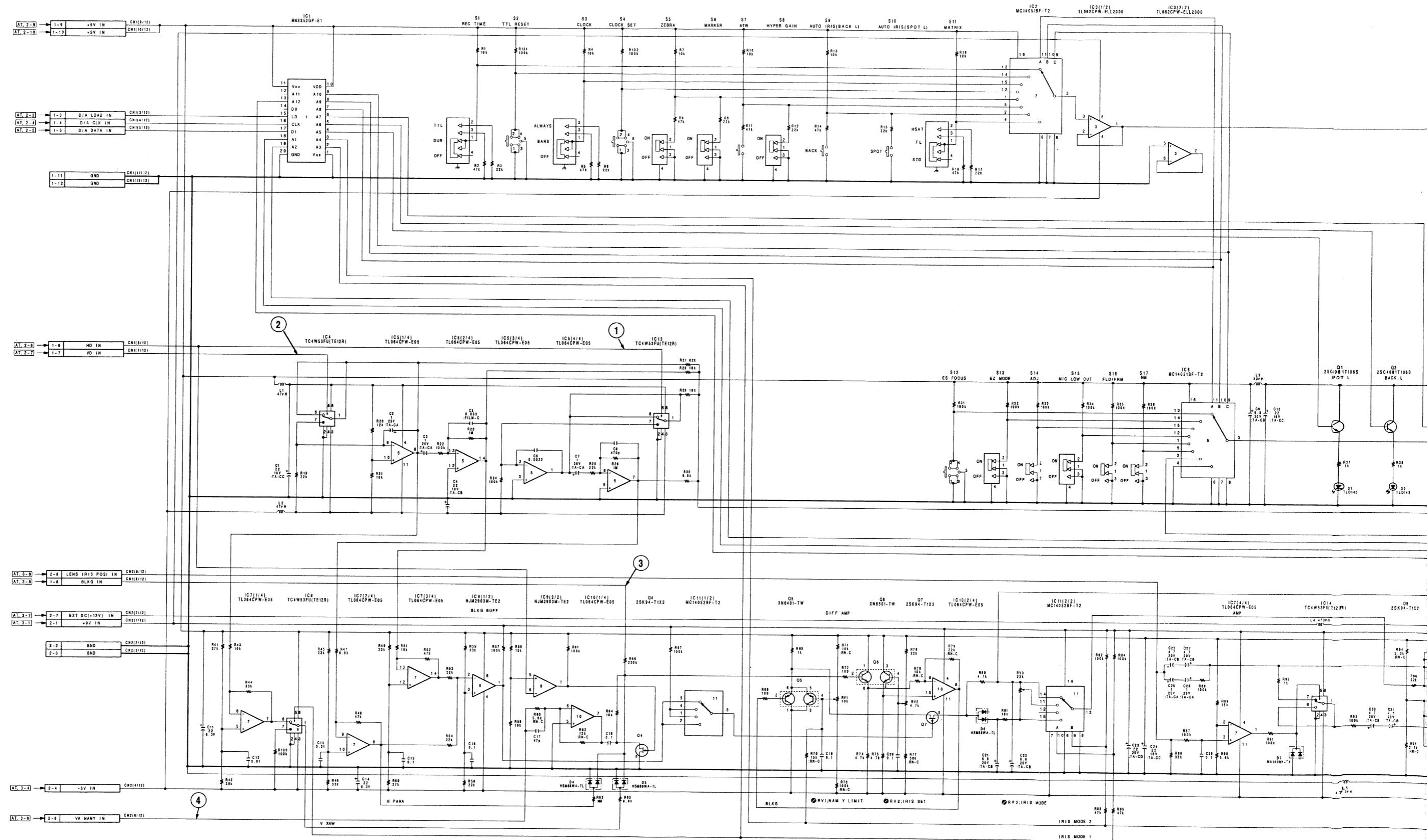
NOTE:

1. All waveforms are measured in condition below.

- Connect the camera adaptor CA-537/537P to the camera.
- After the auto white balance adjustment is completed, shooting the grayscale chart, adjust the lens iris so that the white level at VIDEO OUT is 100 IRE (PAL: 700 mV) on the waveform monitor.
- SWITCH POSITION

• OUTPUT : CAM(DCC OFF)	• CLOCK : OFF
• GAIN : 0dB	• HYPER GAIN : OFF
• WHITE BAL : PRESET	• MATRIX : OFF
• SHUTTER : OFF	• ATW : OFF
• ZEBRA MARKER : OFF	• A IRIS MODE : STD
• PHASE : 0°	

SW-724



DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)

B - 27

B - 27

A

B

C

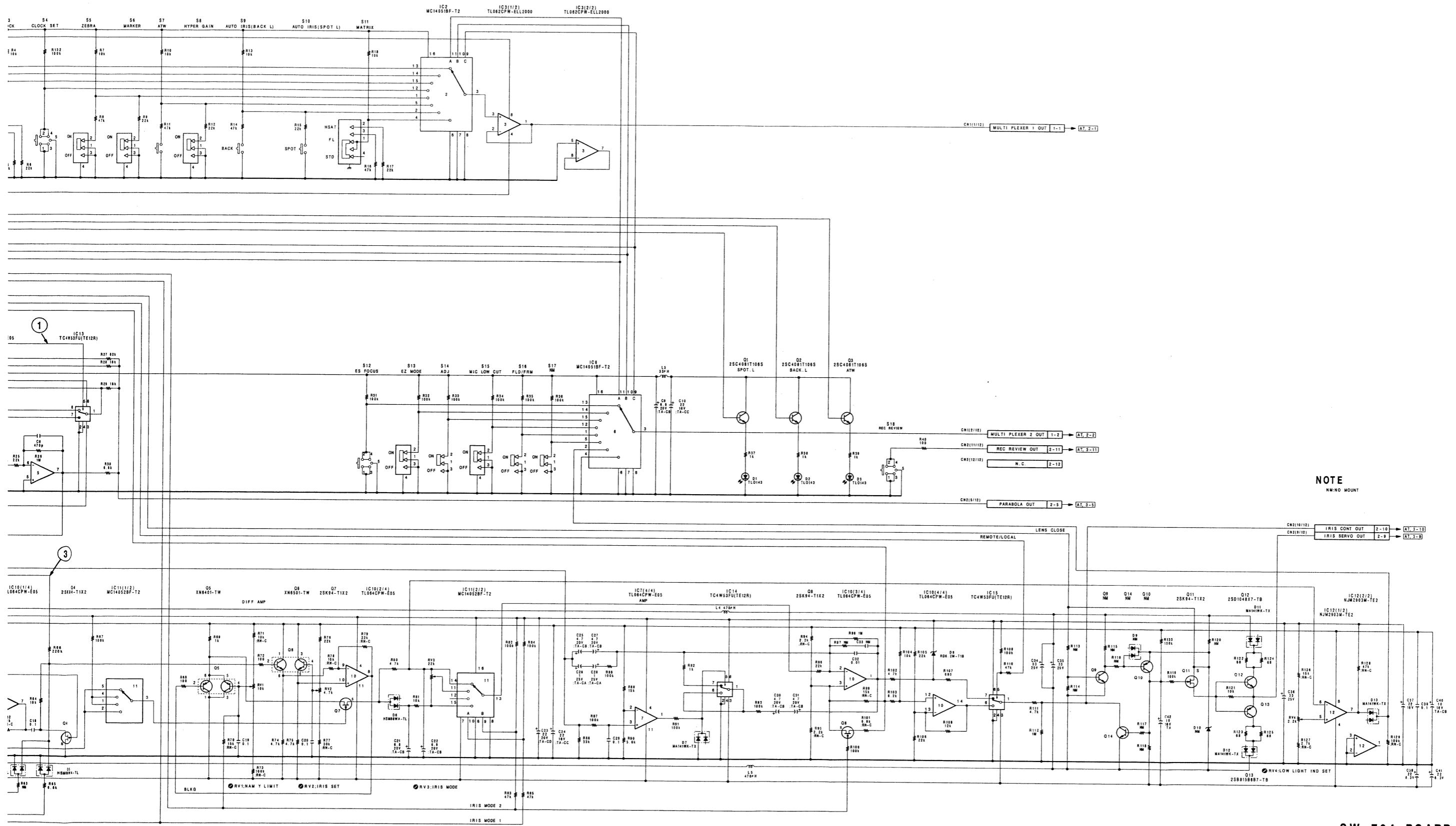
D

E

F

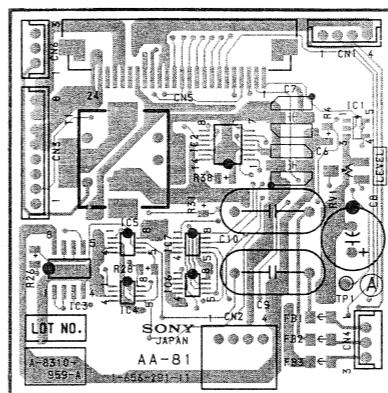
G

H

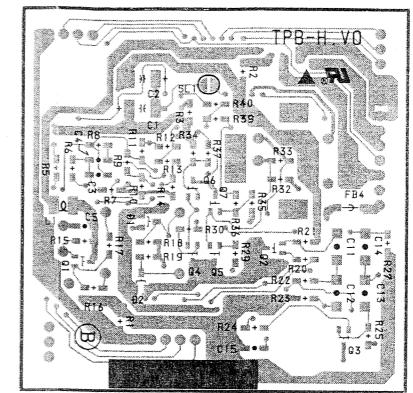
**SW-724 BOARD**

DXC-637(UC)
DXC-637(J)
DXC-637P(EK, UC)
B-YDXC837-SW724M

AA-81 BOARD



1-656-291-11 COMPONENT SIDE



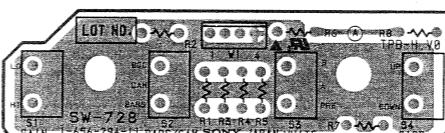
1-656-291-11 SOLDERING SIDE

AA-81 (1-656-291-11)

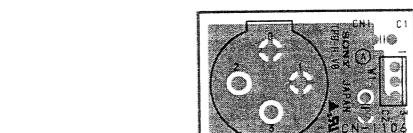
*: B SIDE

CN1	A-2	*D1	B-2	IC1	A-2	*L1	B-2	*Q6	A-2	T1	A-1
CN2	B-2	*D2	B-2	IC2	A-2	*Q1	B-2	*Q7	A-2		
CN3	A-1			IC3	B-1	*Q2	B-1	RV1	B-2		
CN4	B-2	FB1	B-2	IC4	B-1	*Q3	B-1				
CN5	A-1	FB2	B-2	IC5	B-1	*Q4	B-2	TP1	B-2		
CN6	A-1	FB3	B-2	IC6	B-1	*Q5	B-2				
		*FB4	B-1	IC7	B-1						

SW-728 BOARD

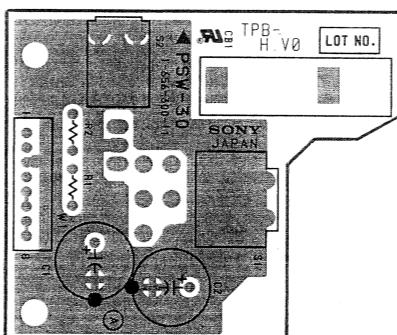


1-656-294-11 COMPONENT SIDE

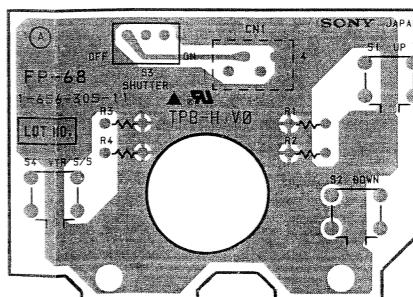


1-656-301-11 COMPONENT SIDE

PSW-30 BOARD

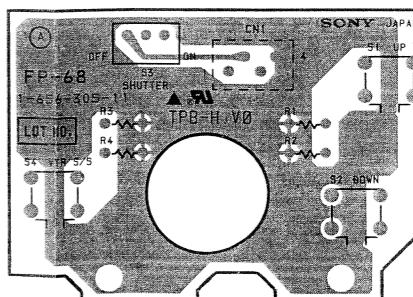


1-656-300-11 COMPONENT SIDE



1-656-305-11 COMPONENT SIDE

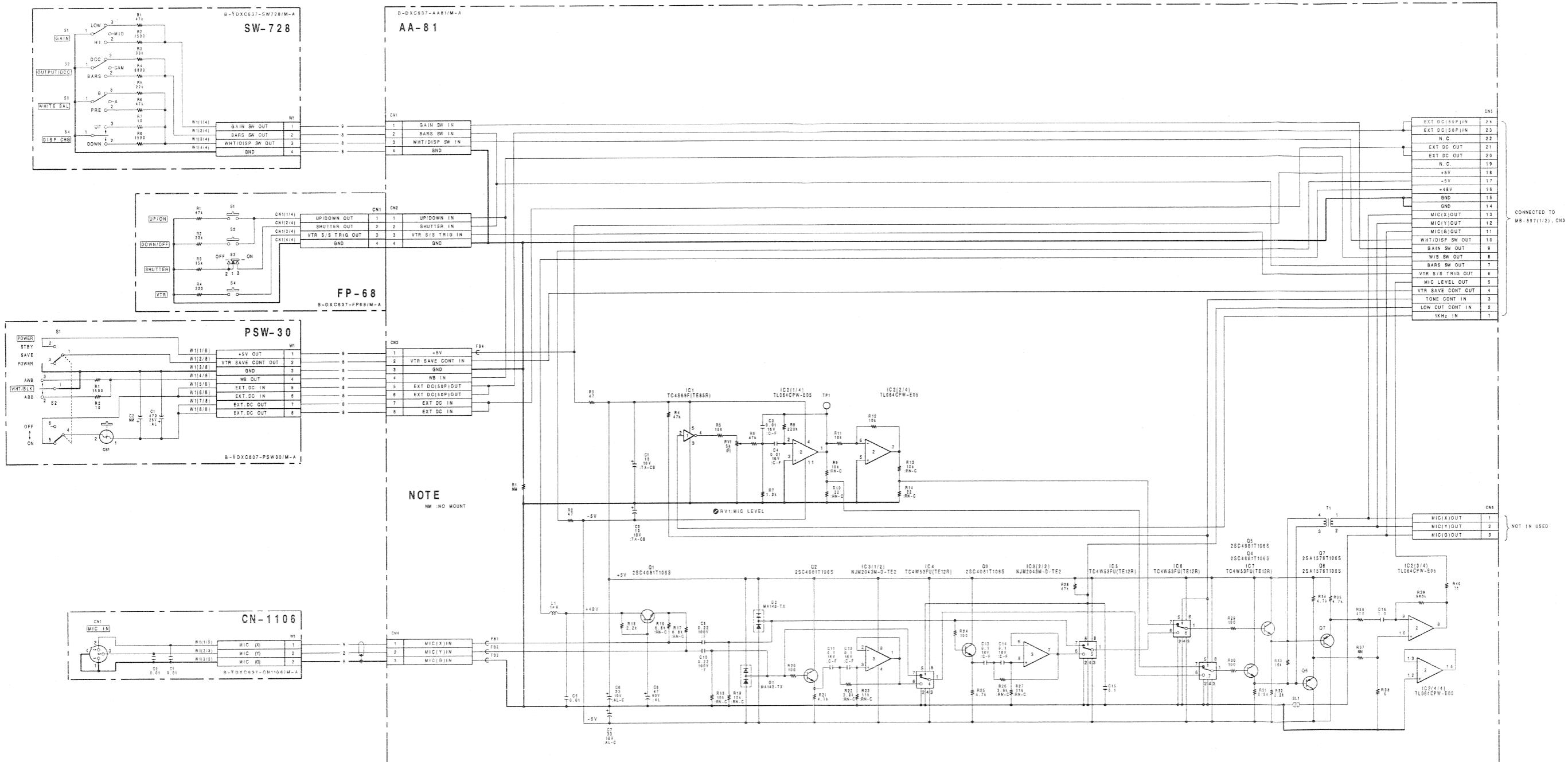
FP-68 BOARD



B-28

DXC-637 (J, UC)
DXC-637P (EK)

AA-81
CN-1106
FP-68
PSW-30
SW-728



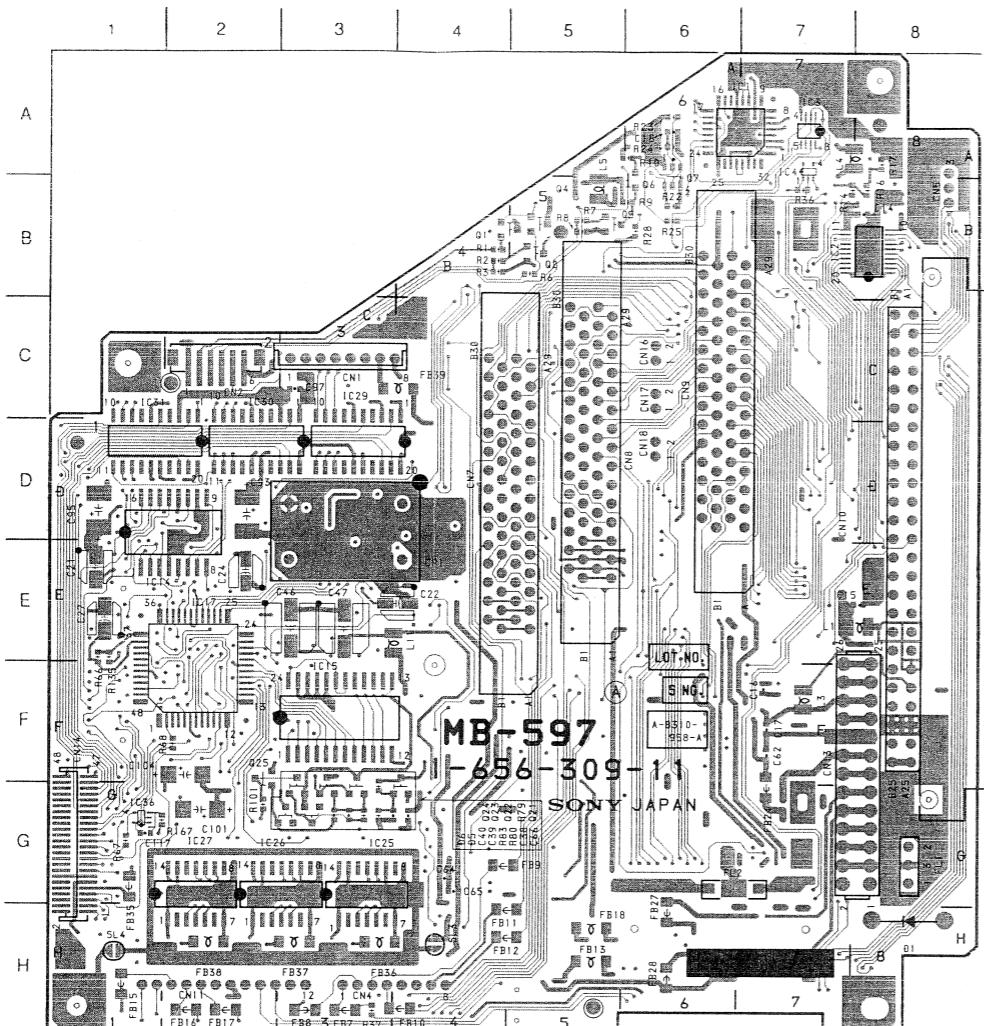
AA-81 BOARD
FP-68 BOARD
PSW-30 BOARD
SW-728 BOARD
CN-1106 BOARD

DXC-637(UC)
DXC-637(J)
DXC-637P(EK, UC)

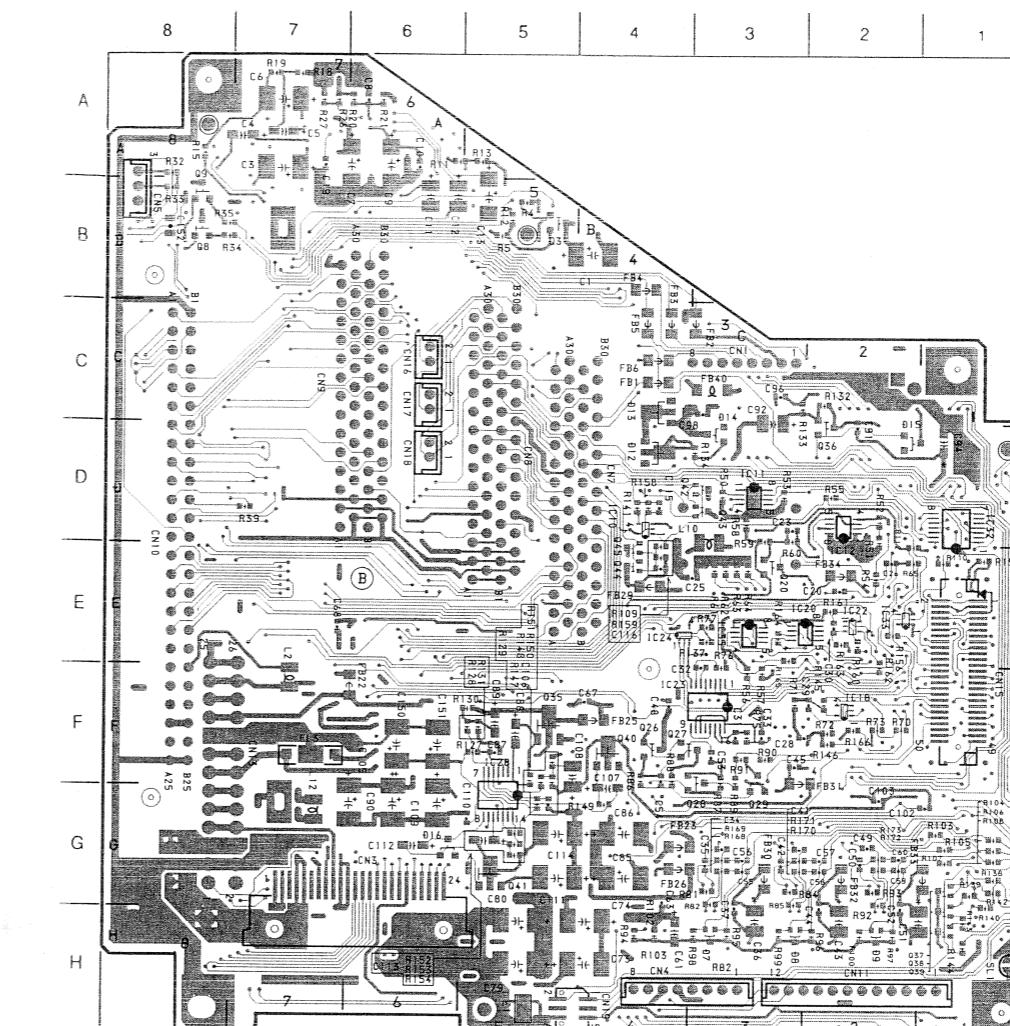
A-YDXC637-AA81(M-A)
B-YDXC637-FF68(M-A)
B-YDXC637-PSW30(M-A)
B-YDXC637-SW728(M-A)
B-YDXC637-CN1106(M-A)

DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)

MB-597 BOARD

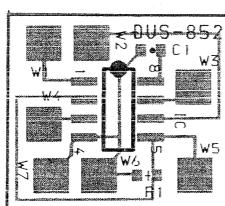


1-656-309-11 COMPONENT SIDE



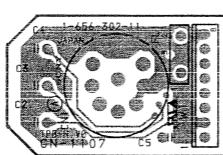
1-656-309-11 SOLDERING SIDE

DUS-852 BOARD



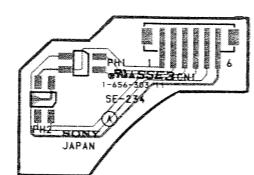
COMPONENT SIDE

CN-1107 BOARD



COMPONENT SIDE

SE-234 BOARD



COMPONENT SIDE

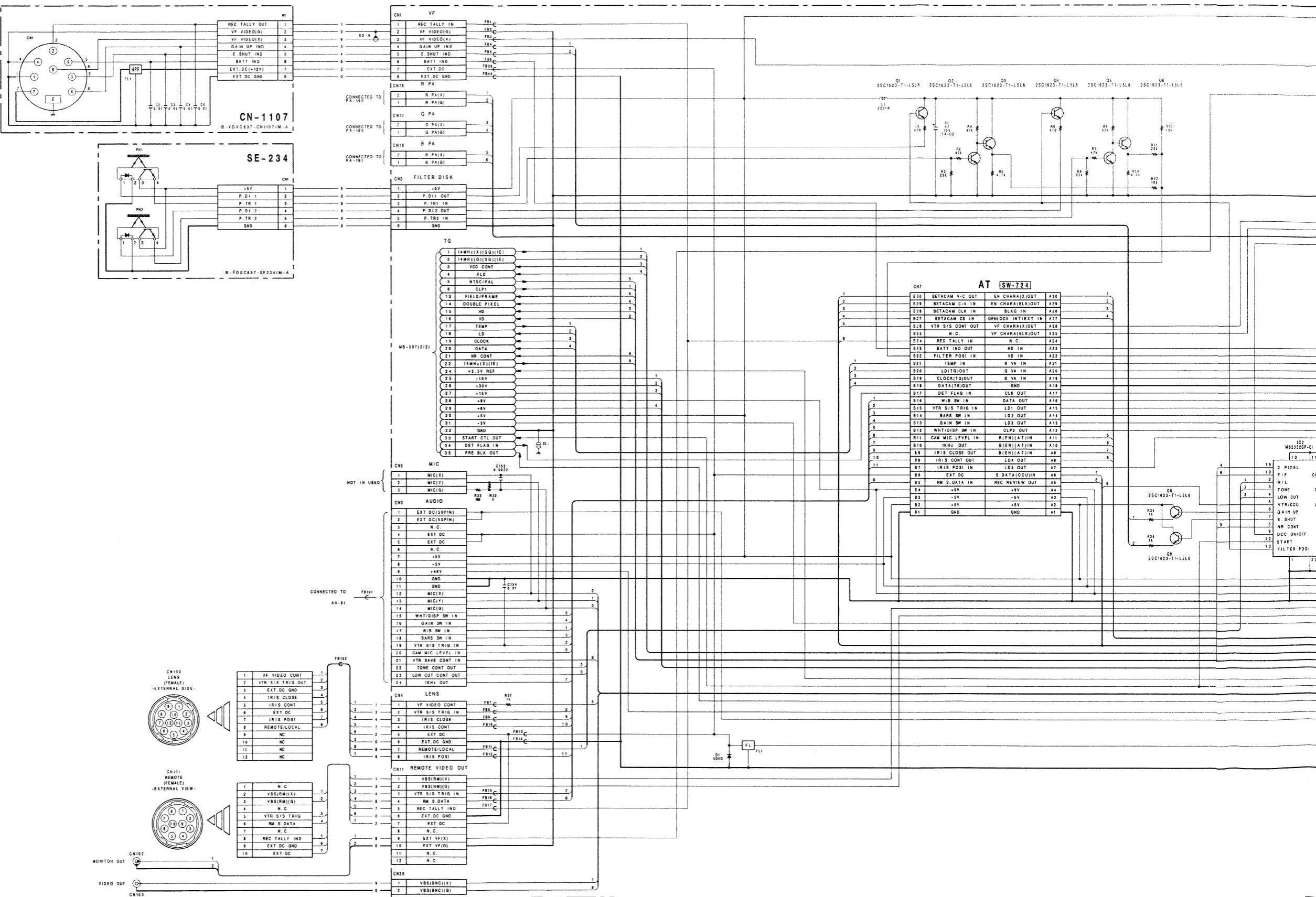
MB-597 (1-656-309-11)

*: B SIDE

CN1	C-3	D1	H-8	FB8	H-3	*FB33	G-2	IC17	E-2	L4	A-7	*Q26	F-4
CN2	C-2	D5	G-4	FB9	G-5	FB35	H-1	*IC18	F-2	L5	B-5	*Q27	F-4
*CN3	G-6	D6	G-4	FB10	H-4	FB36	H-3	*IC20	E-3	*L10	D-4	*Q28	G-3
*CN4	H-4	*D7	E-3	FB11	G-5	FB37	H-3	*IC22	E-2	L11	E-4	*Q29	G-3
*CN5	B-8	*D8	H-3	FB12	H-5	FB38	H-2	*IC23	F-4	*L12	F-7	*Q35	F-5
CN7	D-4	*D9	H-2	FB13	H-5	FB39	C-4	*IC24	E-4			*Q36	D-2
CN8	D-6	*D12	D-4	FB15	H-1	*FB40	C-3	IC25	G-3	Q1	B-4	*Q37	H-2
CN9	C-6	*D13	C-4	FB16	H-2			IC26	G-2	Q2	B-5	*Q38	H-2
CN10	D-7	*D14	C-3	FB17	H-2	FL1	G-8	IC27	G-2	*Q3	B-5	*Q39	H-2
*CN11	H-2	*D15	C-2	FB18	H-5	FL2	G-6	*IC28	F-5	Q4	B-5	*Q40	F-4
CN13	F-7	*D16	G-6	*FB22	F-6	*FL3	F-7	IC29	C-3	Q5	B-5	*Q41	G-5
CN14	F-1			*FB23	G-4			IC30	C-2	Q6	B-6	*Q42	D-4
*CN15	F-1	*E1	H-5	FB24	G-7	IC1	A-6	IC31	C-1	Q7	B-6	*Q43	D-3
*CN16	C-6			*FB25	F-4	IC2	B-7	*IC32	D-1	*Q8	B-8	*Q44	E-4
*CN17	C-6	*FB1	C-4	*FB26	G-4	IC3	A-7	*IC33	E-2	*Q9	A-8	*Q45	D-5
*CN18	D-6	*FB2	C-3	FB27	H-6	IC4	A-7	*IC35	E-3	*Q20	E-3		
*CN19	H-4	*FB3	B-4	FB28	H-6	*IC10	D-4	IC36	G-1	Q21	G-5		
*CN20	E-7	*FB4	B-4	*FB29	E-4	*IC11	D-3			Q22	G-5		
CP1	E-4	*FB5	C-4	*FB30	G-3	*IC12	E-2	L1	E-7	Q23	G-4		
		*FB6	C-4	*FB31	F-2	IC14	E-1	*L2	E-7	Q24	G-4		
				FB7	H-3	*FB32	G-2	IC15	F-3	L3	E-7	Q25	F-2

DXC-637 (J, UC)
DXC-637P (EK)

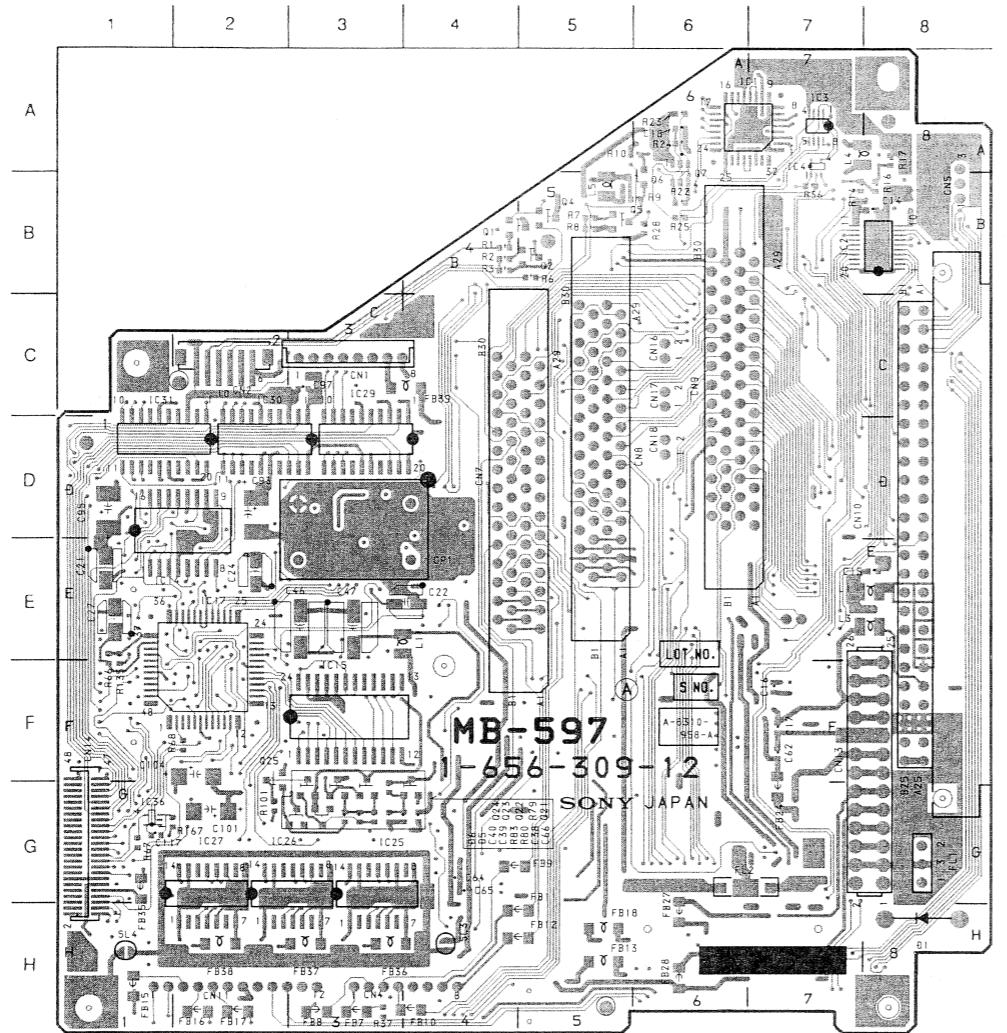
FRAME(1/2)



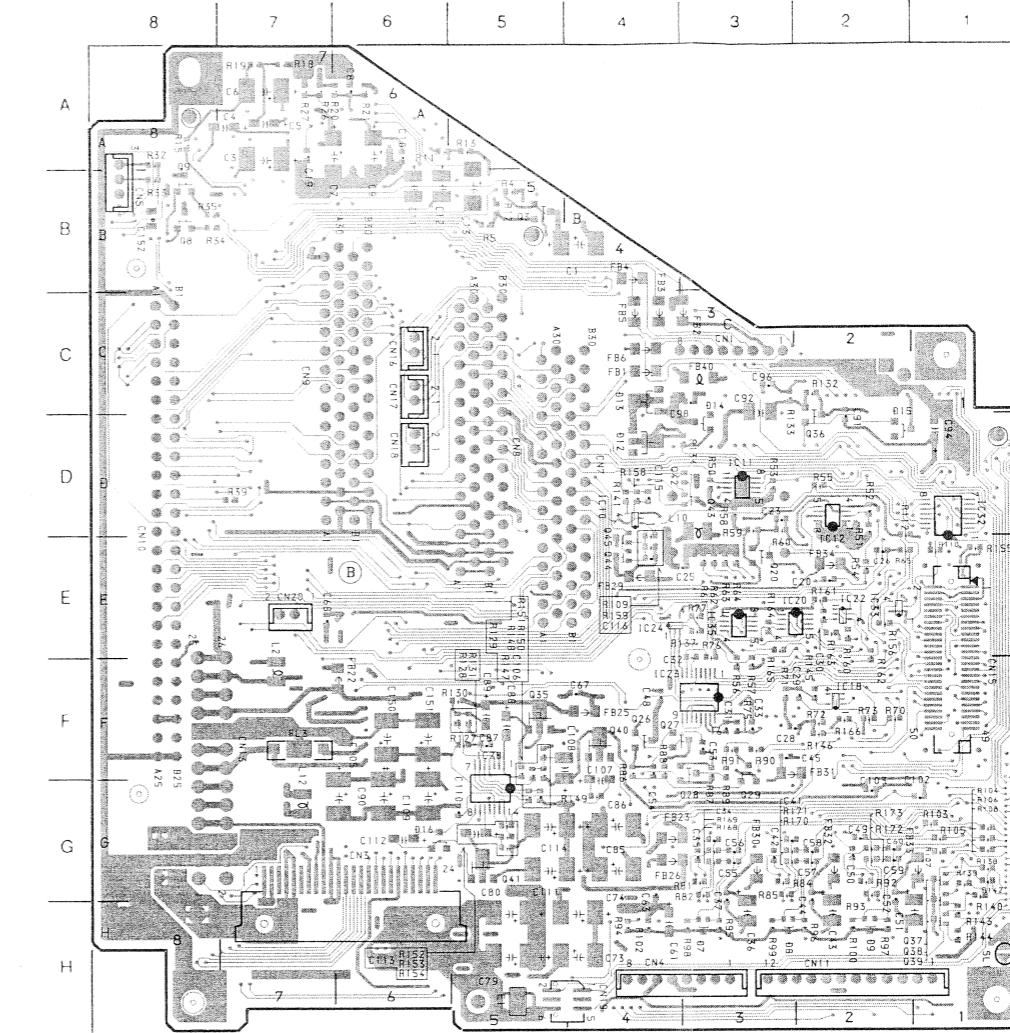
DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)

MB-597 BOARD

10101-	DXC-637 (UC)
30051-	DXC-637 (J)
40151-	DXC637P (EK, UC)

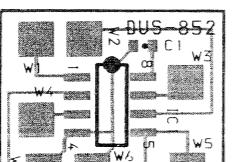


1-656-309-12 COMPONENT SIDE



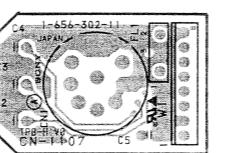
1-656-309-12 SOLDERING SIDE

DUS-852 BOARD



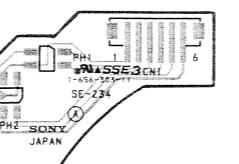
COMPONENT SIDE

CN-1107 BOARD



COMPONENT SIDE

SE-234 BOARD



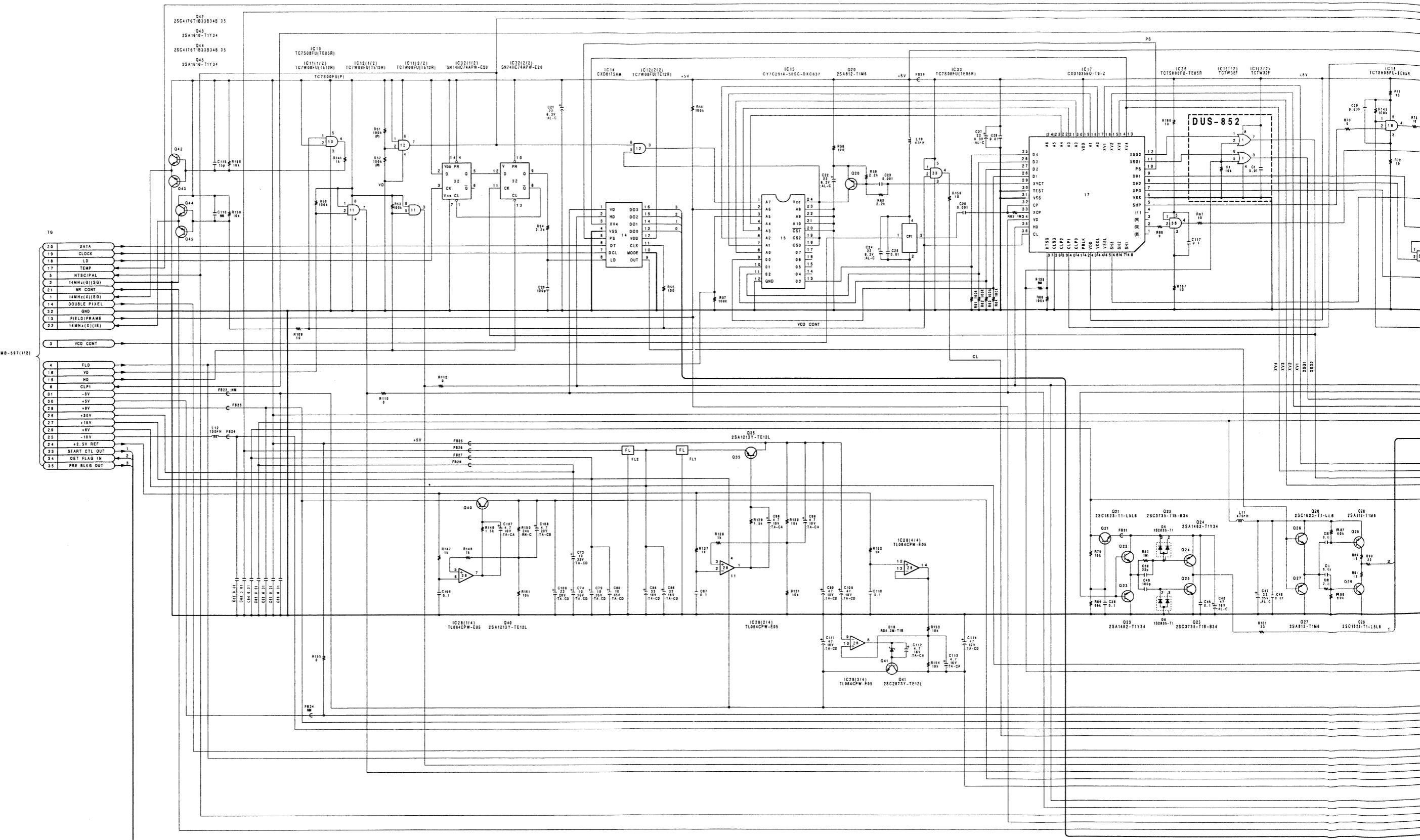
COMPONENT SIDE

MB-597 (1-656-309-12)

*: B SIDE

CN1	C-3	D1	H-8	F88	H-3	*FB33	G-2	IC17	E-2	L4	A-7	*Q26	F-4
CN2	C-2	D5	G-4	FB9	G-5	FB35	H-1	*IC18	F-2	L5	B-5	*Q27	F-4
*CN3	G-6	D6	G-4	FB10	H-4	FB36	H-3	*IC20	E-3	*L10	D-4	*Q28	G-3
*CN4	H-4	*D7	E-3	FB11	G-5	FB37	H-3	*IC22	E-2	L11	E-4	*Q29	G-3
*CN5	B-8	*D8	H-3	FB12	H-5	FB38	H-2	*IC23	F-4	*L12	F-7	*Q35	F-5
CN7	D-4	*D9	H-2	FB13	H-5	FB39	C-4	*IC24	E-4			*Q36	D-2
CN8	D-6	*D12	D-4	FB15	H-1	*FB40	C-3	IC25	G-3	Q1	B-4	*Q37	H-2
CN9	C-6	*D13	C-4	FB16	H-2			IC26	G-2	Q2	B-5	*Q38	H-2
CN10	D-7	*D14	C-3	FB17	H-2	FL1	G-8	IC27	G-2	*Q3	B-5	*Q39	H-2
*CN11	H-2	*D15	C-2	FB18	H-5	FL2	G-6	*IC28	F-5	Q4	B-5	*Q40	F-4
CN13	F-7	*D16	G-6	*FB22	F-6	*FL3	F-7	IC29	C-3	Q5	B-5	*Q41	G-5
CN14	F-1			*FB23	G-4			IC30	C-2	Q6	B-6	*Q42	D-4
*CN15	F-1	*E1	H-5	FB24	G-7	IC1	A-6	IC31	C-1	Q7	B-6	*Q43	D-3
*CN16	C-6			*FB25	F-4	IC2	B-7	*IC32	D-1	*Q8	B-8	*Q44	E-4
*CN17	C-6	*FB1	C-4	*FB26	G-4	IC3	A-7	*IC33	E-2	*Q9	A-8	*Q45	D-5
*CN18	D-6	*FB2	C-3	FB27	H-6	IC4	A-7	*IC35	E-3	*Q20	E-3		
*CN19	H-4	*FB3	B-4	FB28	H-6	*IC10	D-4	IC36	G-1	Q21	G-5		
*CN20	E-7	*FB4	B-4	*FB29	E-4	*IC11	D-3			Q22	G-5		
CP1	E-4	*FB5	C-4	*FB30	G-3	*IC12	E-2	L1	E-7	Q23	G-4		
		*FB6	C-4	*FB31	F-2	IC14	E-1	*L2	E-7	Q24	G-4		
				FB7	H-3	*FB32	G-2	IC15	F-3	L3	E-7	Q25	F-2

FRAME(2/2)



DXC-637 (J)
DXC-637 (UC)
DXC-637P (EK)

B - 33

c

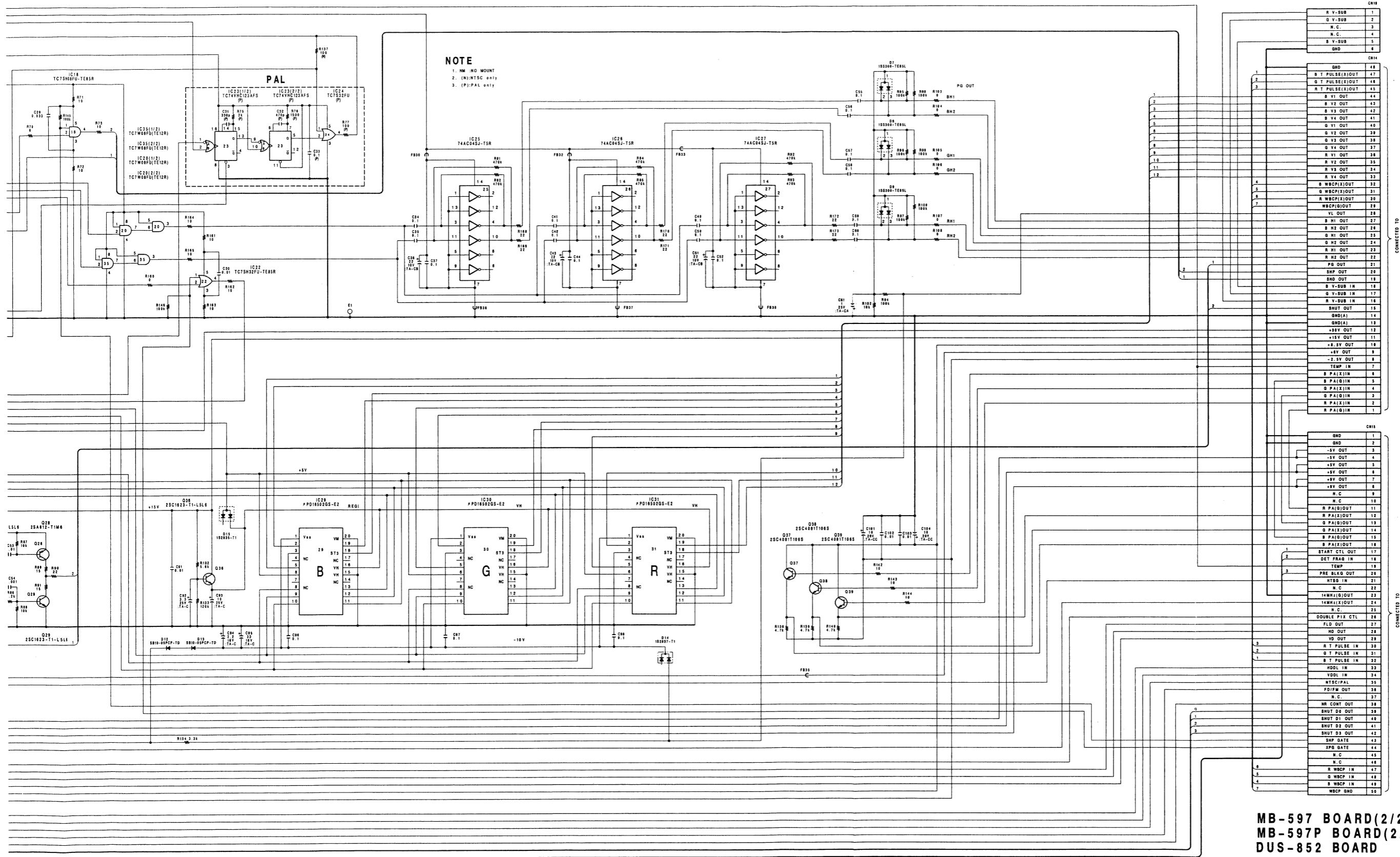
D

E

B - 33

G

H



MB-597 BOARD(2/2)
MB-597P BOARD(2/2)
DUS-852 BOARD

DXC-637(UC)
DXC-637(J)
DXC-637(EK, UC)

SECTION C

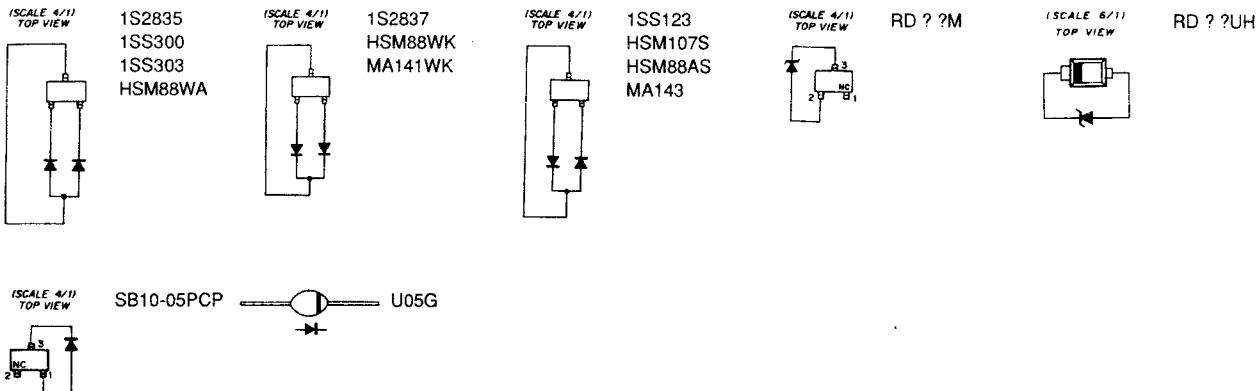
SEMICONDUCTOR

The Circuit diagram of IC is obtained from the IC data book published by the manufacture.

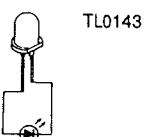
	TYPE	PAGE		TYPE	PAGE
DIODE	1S2835	C-2	IC	NJM319M	C-13
	1S2837	C-2		RTC4553B	C-13
	1SS123	C-2		S-8054HN-CB	C-13
	1SS300	C-2		SN74HC00APW	C-13
	1SS303	C-2		SN74HC164ANS	C-13
	HSM107S	C-2		SN74HC27ANS	C-13
	HSM88AS	C-2		SN74HC574ANS	C-14
	HSM88WA	C-2		SN74HC74APW	C-14
	HSM88WK	C-2		SN74LS123NS	C-14
	MA141WK	C-2		TC4051BFS	C-9
	MA143	C-2		TC4053BFS	C-12
	RD ? ?M	C-2		TC4S01F	C-14
	RD ? ?UH	C-2		TC4S30F	C-14
	SB10-05PCP	C-2		TC4S66F	C-14
	U05G	C-2		TC4S69F	C-15
LED	TL0143	C-2		TC4S71F	C-15
TRANSISTOR	2SA1213	C-2		TC4W53F	C-15
	2SA1462	C-2		TC4W53FU	C-15
	2SA1576	C-2		TC74HC4052AFS	C-15
	2SA1610	C-2		TC74HC4053AFS	C-12
	2SA1611	C-2		TC74HC4538AFS	C-15
	2SA812	C-2		TC74VHC08FS	C-15
	2SB815B6B7	C-2		TC74VHC157FS	C-16
	2SC1009A	C-2		TC74VHC32FS	C-16
	2SC1623	C-2		TC7S00F	C-16
	2SC2873Y	C-2		TC7S02F	C-14
	2SC3735	C-2		TC7S04F	C-15
	2SC4081	C-2		TC7S08F	C-16
	2SC4176	C-2		TC7S08FU	C-16
	2SC4177	C-2		TC7S32F	C-16
	2SD1048	C-2		TC7SH08FU	C-16
	2SK853	C-2		TC7SH32FU	C-16
	2SK94	C-2		TC7W08FU	C-16
	3SK163	C-2		TL062CPS	C-16
	FMP1	C-2		TL062CPW	C-16
	XN4601	C-2		TL064CNS	C-17
	XN6401	C-2		TL064CPW	C-17
	XN6435	C-2		UPC311G2	C-17
	XN6501	C-2		UPC358G2	C-17
	XN6534	C-2		UPC812G2	C-17
IC	74AC04SJ	C-3		UPD16502GS	C-17
	CX22017	C-3		UPD6453GT	C-18
	CXA1409AQ	C-3		X24C02S-3.0	C-17
	CXD1176Q	C-4			
	CXD1216M	C-4			
	CXD1217Q	C-6			
	CXD2307R	C-5			
	CXD2310R	C-5			
	CXD8154BM	C-8			
	CXK1203AR	C-7			
	CY7C291A-50SC	C-8			
	HD6475368SF	C-10			
	LM35DM	C-8			
	LT1253CS8	C-9			
	M62352GP	C-9			
	M6M80011AFP	C-8			
	MAX452CSA	C-9			
	MB88351PFV	C-12			
	MC14051BF	C-9			
	MC14052BF	C-9			
	MC14053BF	C-12			
	MC74HC4053F	C-12			
	NJM1496M	C-12			
	NJM2043M	C-12			
	NJM2903M	C-12			

DIODE, LED, TRANSISTOR

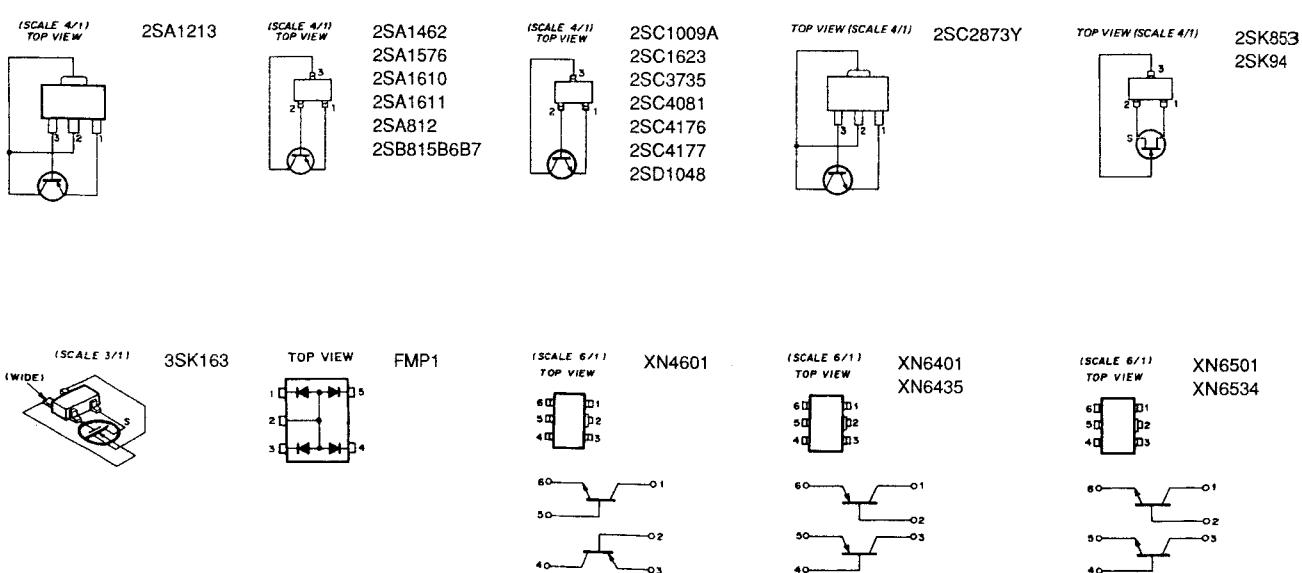
DIODE

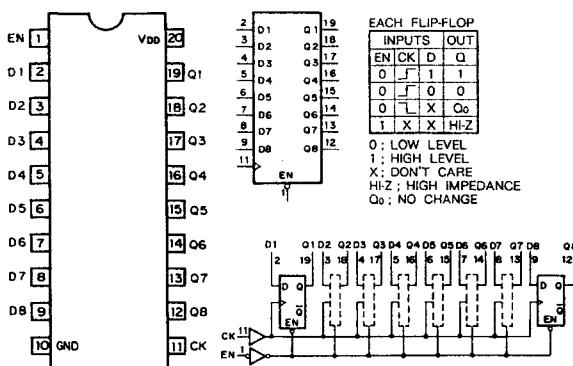


LED

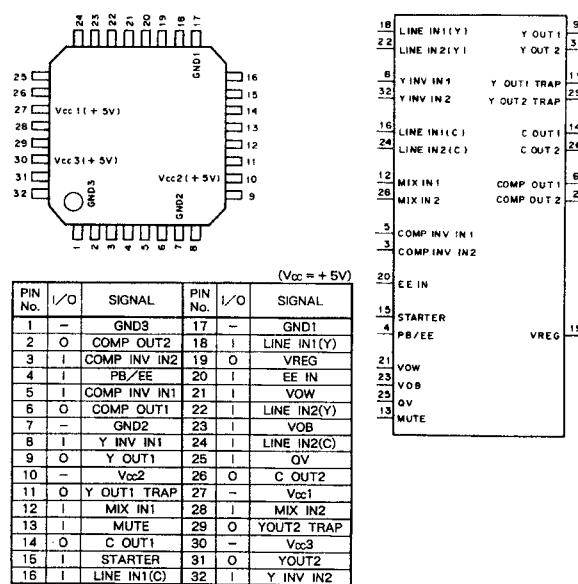
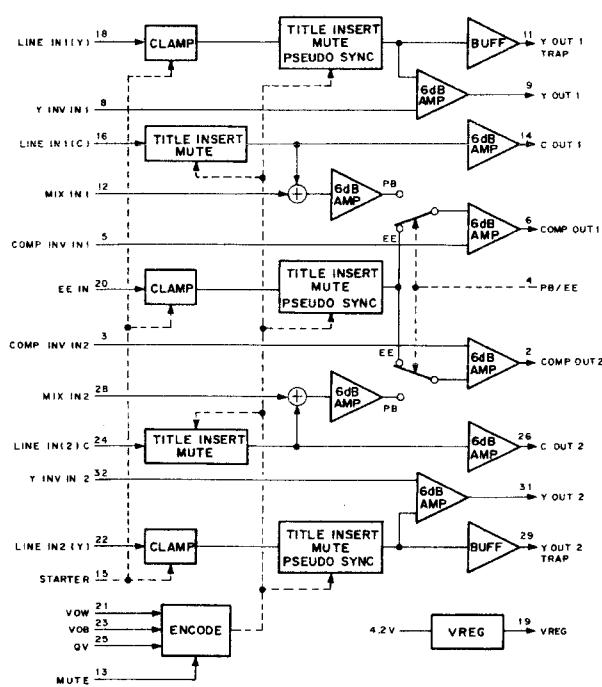
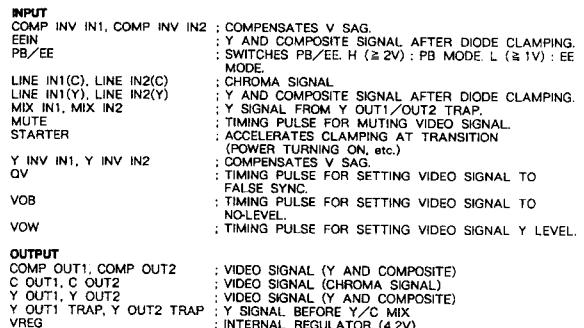
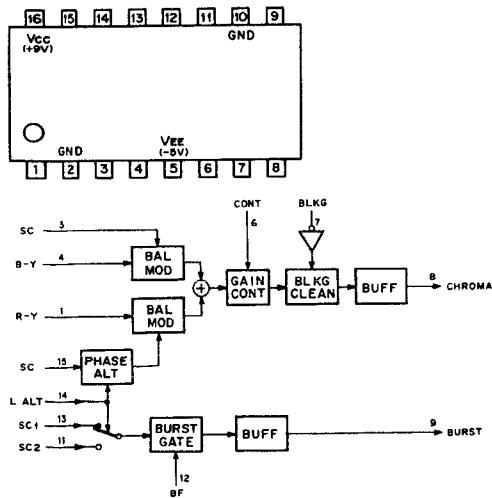


TRANSISTOR



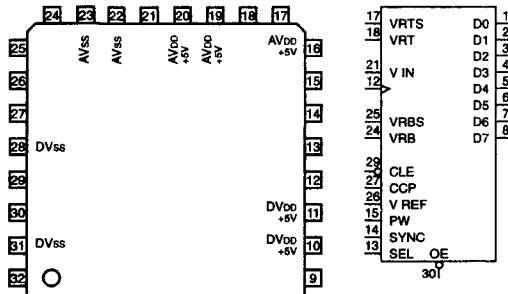
IC**74AC04SJ (NS) FLAT PACKAGE****C-MOS HEX INVERTERS
- TOP VIEW -**

TYPE	V _{DD}
74AC/74HC	+2 to +6V
74ACT/74FCT /74HCT	+5V
TC74AC574F TC74VHC574	+2 to +5.5V

CXA1409AQ (SONY)**VIDEO SWITCH
- TOP VIEW -****CX22017 (SONY)****VIDEO SIGNAL PROCESSOR
- TOP VIEW -**

CXD1176Q (SONY)

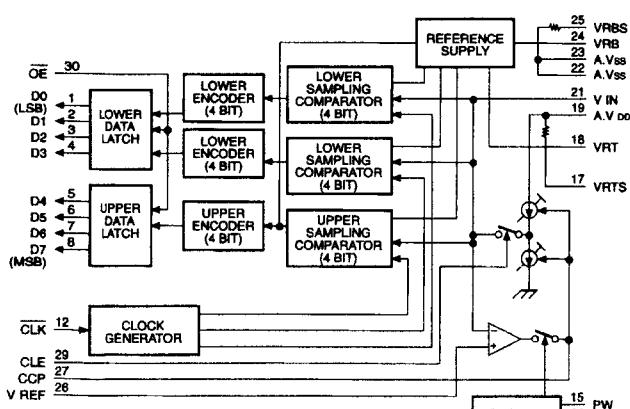
C-MOS 8-BIT 20MSPS VIDEO A/D CONVERTER
- TOP VIEW -



PIN NO	I/O	SIGNAL	PIN NO	I/O	SIGNAL
1	O	D0 (LSB)	17	I	VRTS
2	O	D1	18	I	VRT
3	O	D2	19	-	A.Vdd
4	O	D3	20	-	A.Vdd
5	O	D4	21	I	V IN
6	O	D5	22	-	A.Vss
7	O	D6	23	-	A.Vss
8	O	D7 (MSB)	24	I	VRB
9	-	NC	25	I	VRBS
10	-	D.Vdd	26	I	V REF
11	-	D.Vdd	27	I	CCP
12	I	CLK	28	-	D.Vss
13	I	SEL	29	I	CLE
14	I	SYNC	30	I	OE
15	I	PW	31	-	D.Vss
16	-	A.Vdd	32	-	NC

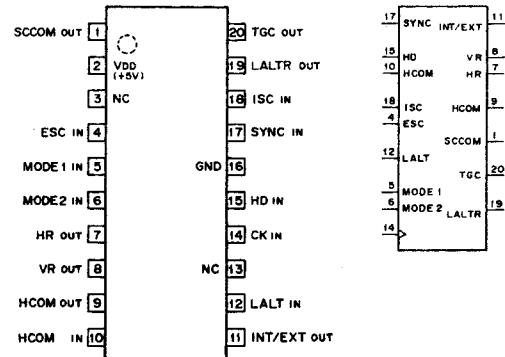
INPUT
 CCP : CLAMP CONTROL VOLTAGE FOR INTEGRATOR
 CLE : CLAMP ENABLE
 CLK : CLOCK
 CLP : CLAMP PULSE
 CE : OUTPUT ENABLE
 PW : PULSE WIDTH FOR MONO MULTI
 SEL : TRIGGER SELECT
 SYNC : VIBRATOR
 V IN : AMPL LOG
 VRB : REFERENCE VOLTAGE (BOTTOM)
 VRBS : SELF REFERENCE VOLTAGE SHORT (+0.5 V/BOTTOM)
 VREF : VOLTAGE REFERENCE FOR CLAMP
 VRT : REFERENCE VOLTAGE (TOP)
 VRTS : SELF REFERENCE VOLTAGE SHORT (+2.6 V/TOP)

OUTPUT
 D0-D7 : DATA



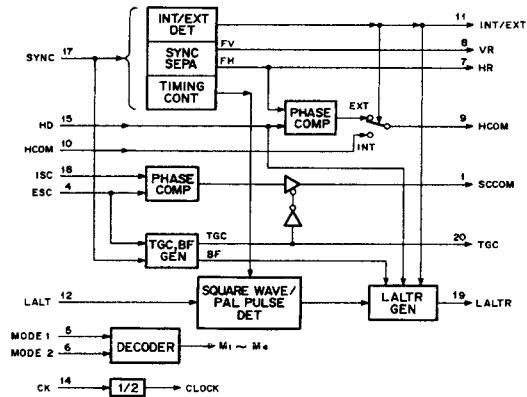
CXD1216M (SONY) FLAT PACKAGE

C-MOS GENLOCK DRIVER
- TOP VIEW -



INPUT	MODE	SYSTEM
MODE1	0	M1 PAL-VBS
MODE2	0	M2 PALM-VBS
MODE1	1	M3 PALSECAM-VS/SC/LALT
MODE2	1	M4 NTSC-VBS, NTSC-VS/SC PALM-VS/SC/LALT

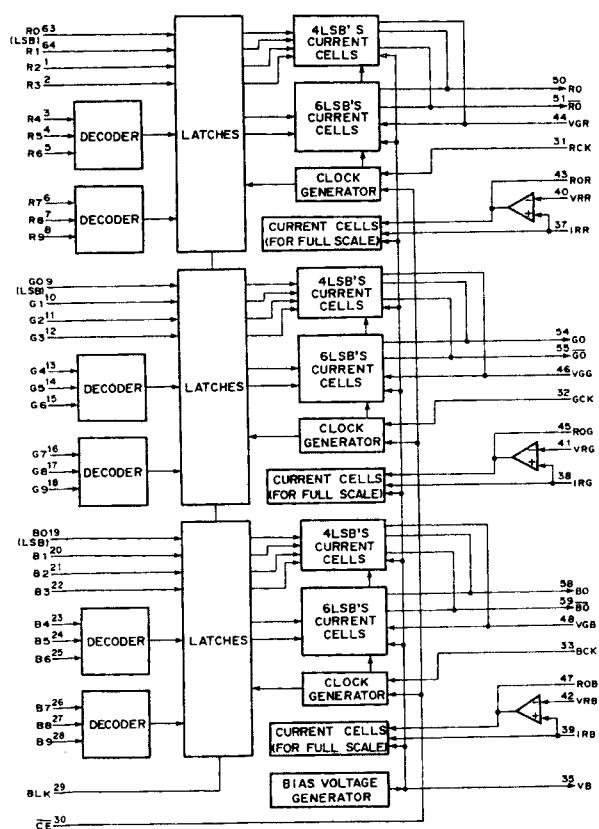
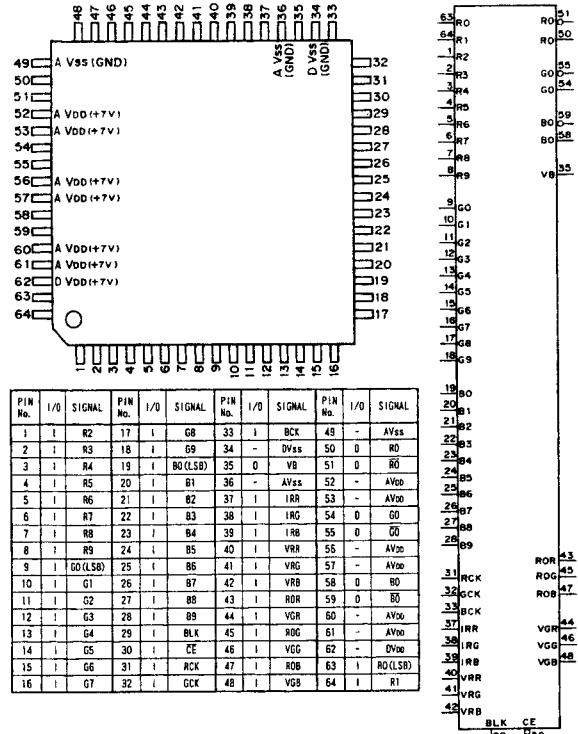
0 : LOW LEVEL
1 : HIGH LEVEL



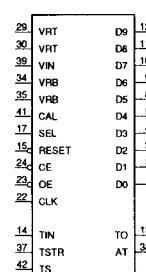
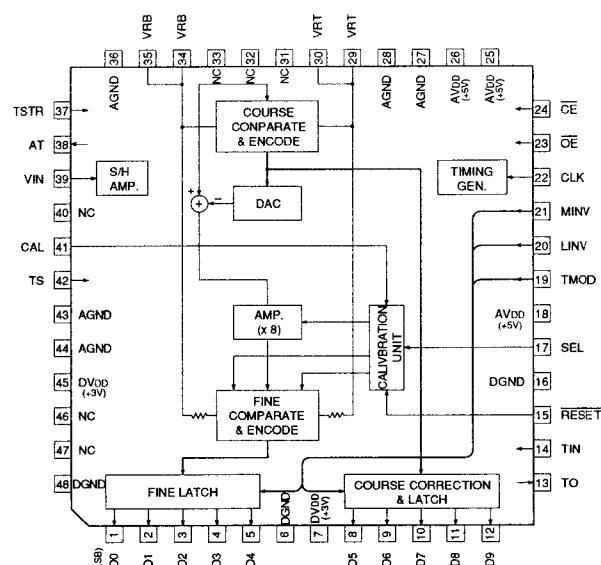
INPUT
 CK : 4fsc CLOCK INPUT
 ESC : SC/COLOR BURST
 HCOM : PHASE COMPARE FROM CXD1217
 HD : H DRIVE FROM CXD1217
 ISC : SUBCARRIER FROM CXD1217
 LALT : LALT FROM REFERENCE SIGNAL GENERATOR
 MODE1,2 : SYSTEM SELECT
 SYNC : SYNC FROM REFERENCE SIGNAL GENERATOR

OUTPUT
 HCOM : PHASE COMPATOR HR WITH HD
 HR : fH OF SYNC SEPARATE
 INT/EXT : INTERNAL/EXTERNAL SPECIFIED
 LALTR : LINE CHANGE RESET
 SCOMM : PHASE COMPATOR ESC WITH ISC
 TGC : TRISTATE CONTROL
 VR : fV OF SYNC SEPARATE

CXD2307R (SONY) FLAT PACKAGE

C-MOS 10-BIT 50MSPS RGB 3CHANNEL D/A CONVERTER
-TOP VIEW-DXC-637 (J,UC)
DXC-637P (EK)

CXD2310R (SONY) FLAT PACKAGE

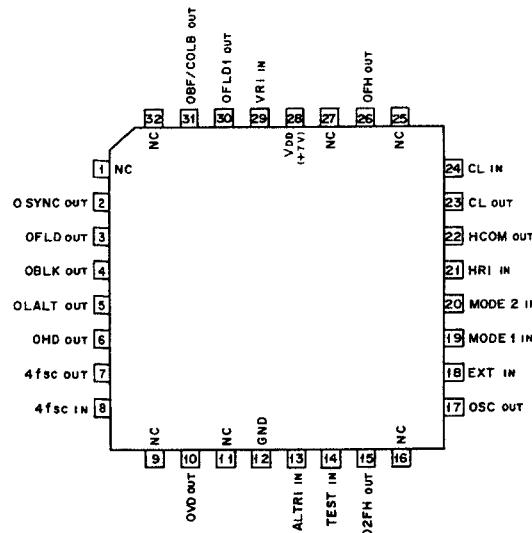
C-MOS 10-BIT 20MSPS VIDEO A/D CONVERTER
-TOP VIEW-

INPUT
CAL : CALIBRATION PULSE INPUT
CE : CHIP ENABLE
CLK : CLOCK
LINV : OUTPUT (D9-D8) INVERSION
MINV : OUTPUT (D9) INVERSION
OE : DIGITAL DATA OUTPUT ENABLE
RESET : CALIBRATION CIRCUIT RESET
SEL : OUTPUT DATA (D5-D9) SELECT FOR CALIBRATION (4-CLOCK)
HIGH: THROUGH OUTPUT, LOW: DATA FIXED AS WITH D0-D4
TIN : TEST SIGNAL INPUT
TMOD : TEST MODE
TS : TEST SIGNAL INPUT
TSTR : TEST SIGNAL INPUT
VRB : REFERENCE BOTTOM VOLTAGE
VRT : REFERENCE TOP VOLTAGE

OUTPUT
AT : TEST SIGNAL OUTPUT
D0-D9 : DIGITAL DATA OUTPUT
TO : TEST PIN

CXD1217Q (SONY) FLAT PACKAGE

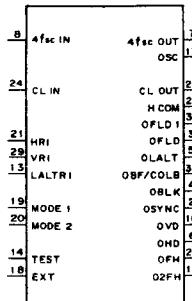
C-MOS SYNC GENERATOR
- TOP VIEW -



SYSTEM	4fsc	CLOCK
NTSC	910fh	810fh
PAL	1135fh + 2fv	908fh
PALM	909fh	910fh
SECAM	—	908fh

INPUT	MODE1	MODE2	SYSTEM
0	0	0	NTSC
0	1	0	SECAM
1	0	0	PALM
1	1	1	PAL

0 : LOW LEVEL
1 : HIGH LEVEL

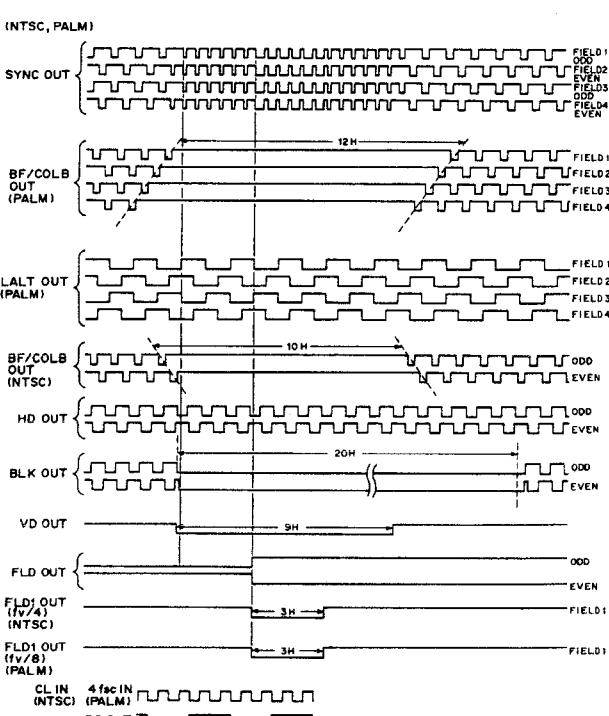
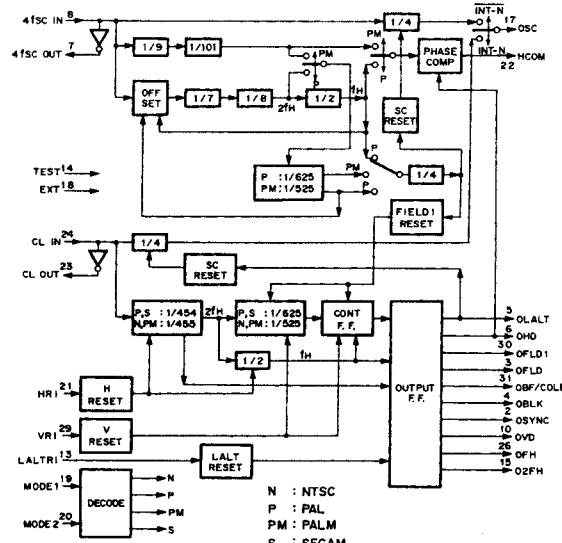


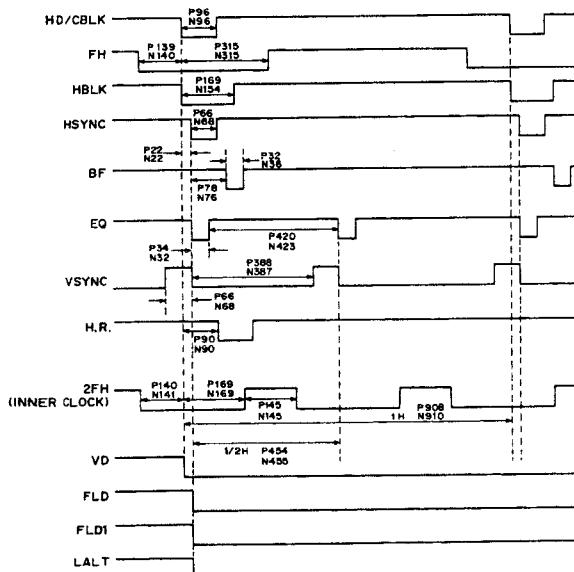
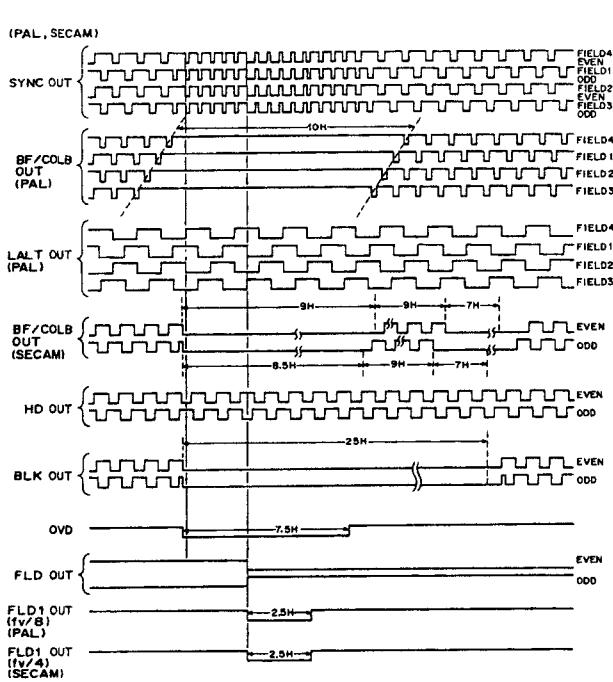
INPUT

- 4fsc IN : 4fsc
- CL IN : CLOCK
- EXT : SYNC MODE SELECT
(L : INTERNAL / H : EXTERNAL)
- HRI : HORIZONTAL RESET
- LALTRI : LINE ALTERNATE RESET
- MODE1,2 : SYSTEM SELECT
- VRI : VERTICAL RESET

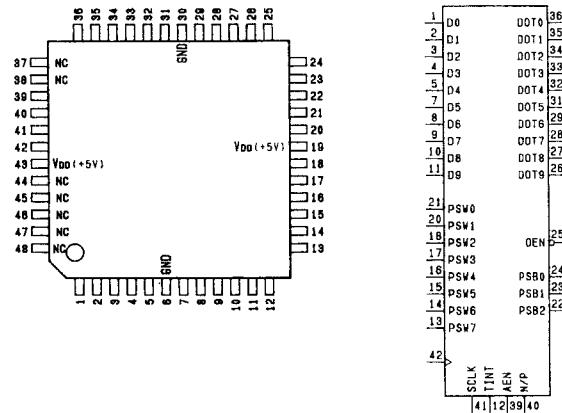
OUTPUT

- 4fsc OUT : 4fsc
- CL OUT : CLOCK
- HCOM : PHASE COMPARATOR
- O2FH : 2fh
- OBF/COLB : BURST FLAG/COLOR BLANKING
- OBLK : COMPOSITE BLANKING
- OFH : fh
- OFLD : FIELD PULSE
- OFLD1 : FIELD1
- OHD : HORIZONTAL DRIVE
- OLALT : LINE ALTERNATE
- OSC : SUBCARRIER
- OSYNC : COMPOSITE SYNC
- OVD : VERTICAL DRIVE



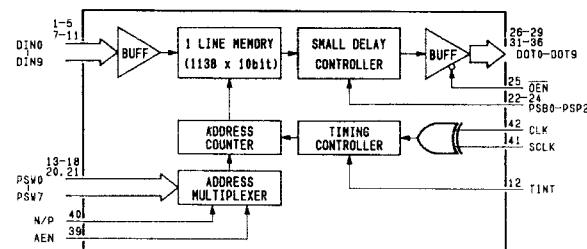


CXK1203AR (SONY) FLAT PACKAGE

C-MOS DIGITAL LINE MEMORY
- TOP VIEW -

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	D0	13	I	PSW7	25	I	OPEN
2	I	D1	14	I	PSW6	26	O	DOT9
3	I	D2	15	I	PSW5	27	O	DOT8
4	I	D3	16	I	PSW4	28	O	DOT7
5	I	D4	17	I	PSW3	29	O	DOT6
6	-	GND	18	I	PSW2	30	-	GND
7	I	D5	19	-	VDD	31	O	DOT5
8	I	D6	20	I	PSW1	32	O	DOT4
9	I	D7	21	I	PSW0	33	O	DOT3
10	I	D8	22	I	PSB2	34	O	DOT2
11	I	D9	23	I	PSB1	35	O	DOT1
12	I	TINT	24	I	PSB0	36	O	DOT0
						41	I	TEST
						42	-	
						43	-	VDD
						44	-	N.C.
						45	-	N.C.
						46	-	N.C.
						47	-	N.C.
						48	-	N.C.

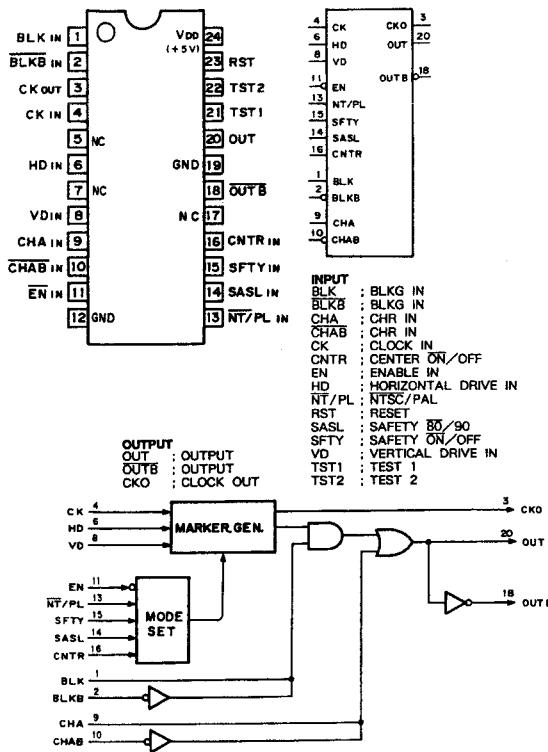
AEN : LINE MEMORY SELECT
CLK : CLOCK
DINO-DIN9 : VIDEO DATA INPUT
DOT0-DOT9 : VIDEO DATA OUTPUT
N/P : NTSC/PAL/SECAM SELECT
DEN : OUTPUT ENABLE
PSB0-PSB2 : DELAY STEP SELECT(1 BITxN)
PSV0-PSV7 : DELAY STEP SELECT(8 BITxN)
SCLK : CLOCK EDGE SELECT
TINT : TEST



CXD8154BM (SONY)

C-MOS GATE ARRAY

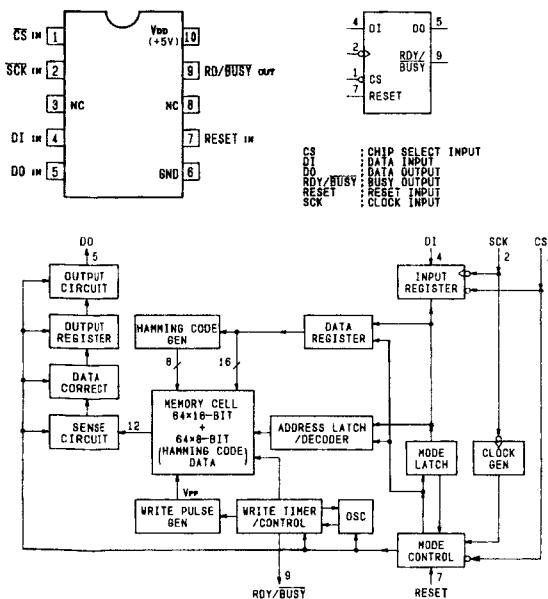
- TOP VIEW -



M6M80011A (MITSUBISHI) FLAT PACKAGE

C-MOS 1K(64x16)BIT ERASABLE PROM

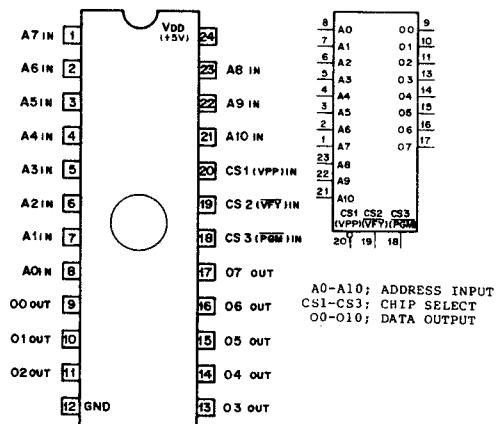
- TOP VIEW -



CY7C291A-50SC (CYPRESS)

C-MOS 16K(2048X8)-BIT EPROM

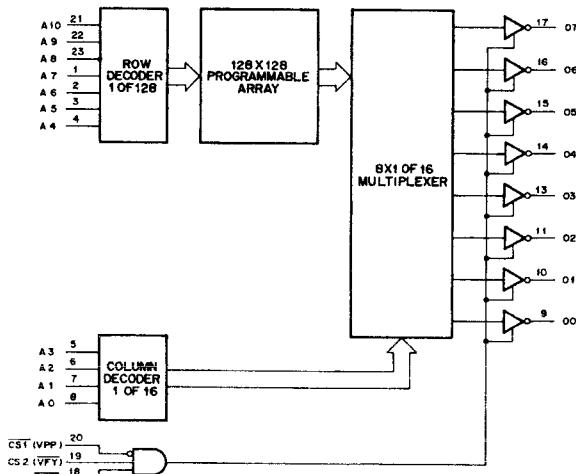
- TOP VIEW -



MODE SELECTION

CS1	CS2	CS3	OUTPUTS	MODE
0	1	1	DATA OUT	READ
1	X	X	HIZ OUTPUT DISABLE	
X	0	X	HIZ OUTPUT DISABLE	
X	X	0	HIZ OUTPUT DISABLE	
VPP	1	0	DATA IN	PROGRAM
VPP	0	1	DATA OUT	PROGRAM VERIFY
VPP	1	1	HIZ	PROGRAM INHIBIT
VPP	1	0	DATA IN	INTELLIGENT PROGRAM
0	0	VPP	ONES	BLANK CHECK ONES
0	1	VPP	ZEROS	BLANK CHECK ZEROS

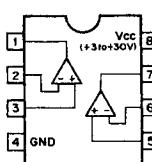
0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE
(NOT TO EXCEED VDD + 5%)
HIZ; HIGH IMPEDANCE
VPP; PROGRAMMING VOLTAGE
(+13V to +14V)



LM35DM (NSC) FLAT PACKAGE

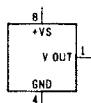
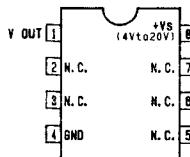
TEMPERATURE SENSOR

- TOP VIEW -

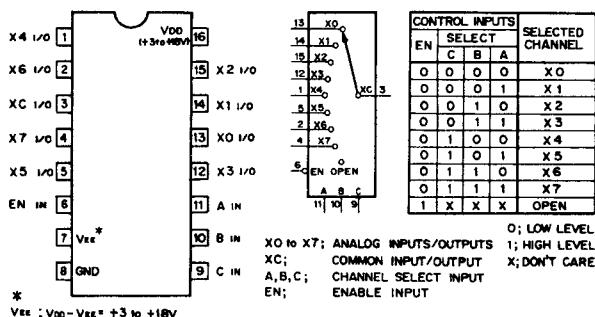


LT1253CS8 (LINEAR TECHNOLOGY) FLAT PACKAGE

DUAL AND QUAD VIDEO AMPLIFIERS
- TOP VIEW -

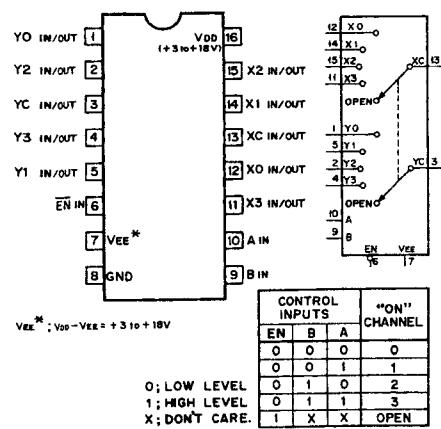
MC14051BF (MOTOROLA) FLAT PACKAGE
TC4051BFS (TOSHIBA) FLAT PACKAGE

C-MOS 8-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
- TOP VIEW -



MC14052BF (MOTOROLA) FLAT PACKAGE

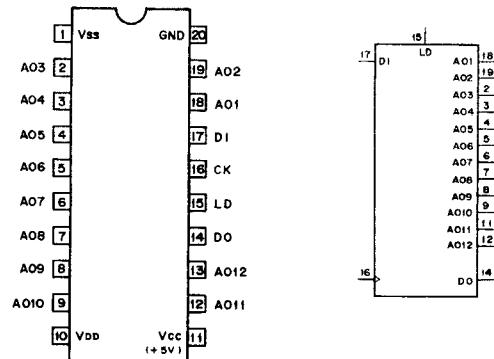
C-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXERS/DEMULTIPLEXERS
- TOP VIEW -



DXC-637 (JUC)
DXC-637P (EK)

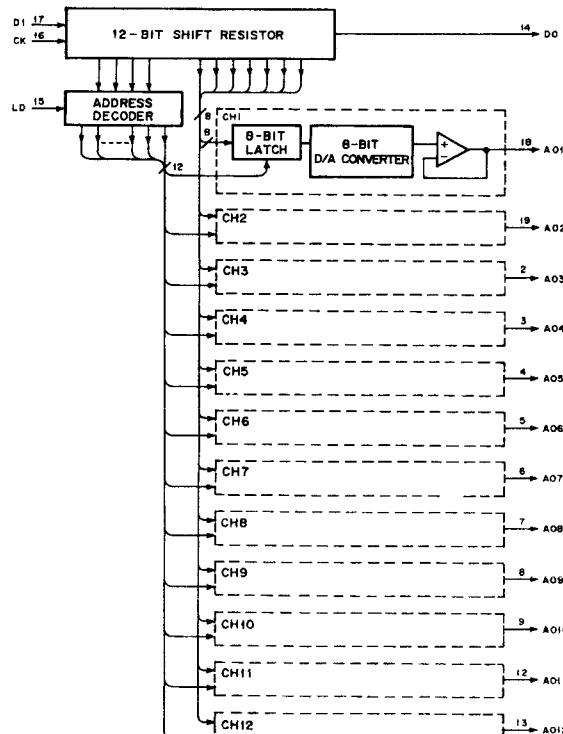
M62352GP (MITSUBISHI) FLAT PACKAGE

C-MOS 8-BITx12 CHANNEL D/A CONVERTER
(WITH BUFFER OPERATIONAL AMPLIFIER)
- TOP VIEW -



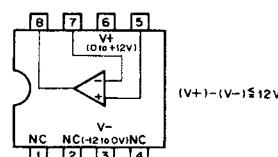
AO1 - AO12 : 8-BIT D/A OUTPUT
CK : CLOCK INPUT
DI : SERIAL DATA INPUT
DO : DATA OUTPUT

NOTE :
- 3.5V < VDD < Vcc
- 3.5V < Vss < Vcc



MAX452CSA (MAXIM) FLAT PACKAGE

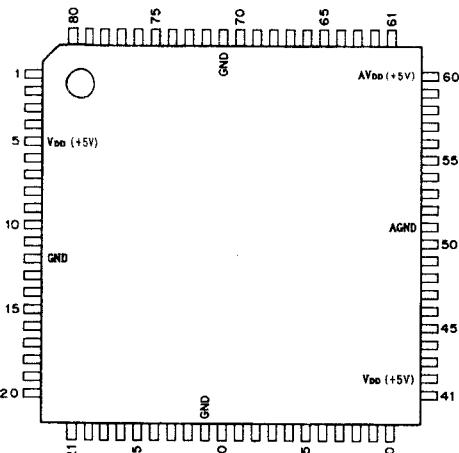
C-MOS 50MHZ VIDEO AMPLIFIER
- TOP VIEW -



HD6475368SF (HITACHI) FLAT PACKAGE

C-MOS 16-BIT MICRO COMPUTER UNIT

— TOP VIEW —



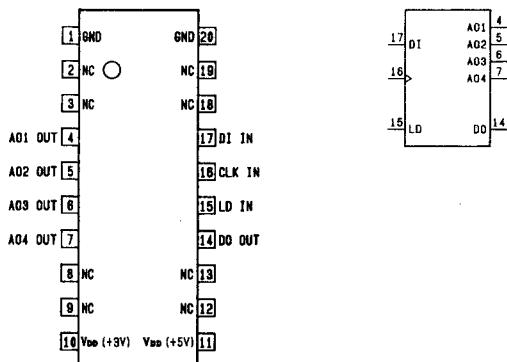
MODE3		MODE4		MODE7							
72	P10/φ	D5	I3	72	P10/φ	D5	I3	72	P10/φ	D5	I3
73	P11/E	D4	I4	73	P11/E	D4	I4	73	P11/E	D4	I4
74	P12/BACK	D5	I5	74	P12/BACK	D5	I5	74	P12/BACK	D5	I5
75	P13/BREQ	D5	I6	75	P13/BREQ	D5	I6	75	P13/BREQ	D5	I6
76	P14/WAIT	D5	I7	76	P14/WAIT	D5	I7	76	P14/WAIT	D5	I7
77	P15/IROS	D5	I8	77	P15/IROS	D5	I8	77	P15/IROS	D5	I8
78	P16/IRO1/ADTRG	D5	I9	78	P16/IRO1/ADTRG	D5	I9	78	P16/IRO1/ADTRG	D5	I9
79	P17/TMO	D5	I10	79	P17/TMO	D5	I10	79	P17/TMO	D5	I10
43	P70/TMO	A5	I21	38	P66/IRO2/A16	A6	I21	38	P66/IRO2/A16	A6	I21
44	P71/FT11	A5	I22	39	P67/IRO2/A17	A1	I22	39	P67/IRO2/A17	A1	I22
45	P72/FT12	A5	I23	40	P68/IRO2/A18	A2	I23	40	P68/IRO2/A18	A2	I23
46	P73/FT13/TMR1	A5	I24	41	P69/IRO2/A19	A3	I24	41	P69/IRO2/A19	A3	I24
47	P74/FTOB1/TMR1	A5	I25	42	P70/TMO	A4	I25	42	P70/TMO	A4	I25
48	P75/FTOB2/TMR1	A5	I26	43	P70/TMC1	A5	I26	43	P70/TMC1	A5	I26
49	P76/FTOB3/TMR1	A5	I27	44	P71/FT11	A5	I27	44	P71/FT11	A5	I27
50	P77/FTOB4/TMR1	A5	I28	45	P72/FT12	A5	I28	45	P72/FT12	A5	I28
51	P78/FTOA1	A5	I29	46	P73/FT13/TMR1	A5	I29	46	P73/FT13/TMR1	A5	I29
52	P80/AN0	A12	I30	47	P74/FTOB1/TMC1	P56/A8	I30	47	P74/FTOB1/TMC1	P56/A8	I30
53	P81/AN1	A12	I31	48	P75/FTOB2/TMC1	P51/A9	I31	48	P75/FTOB2/TMC1	P51/A9	I31
54	P82/AN2	A12	I32	49	P76/FTOB3/TMC1	P51/A10	I32	49	P76/FTOB3/TMC1	P51/A10	I32
55	P83/AN3	A12	I33	50	P77/FTOA1	P51/A11	I33	50	P77/FTOA1	P51/A11	I33
56	P84/AN4	A12	I34	51	P78/FTOA2	P51/A12	I34	51	P78/FTOA2	P51/A12	I34
57	P85/AN5	A12	I35	52	P80/AN0	P52/A13	I35	52	P80/AN0	P52/A13	I35
58	P86/AN6	A12	I36	53	P81/AN1	P52/A13	I36	53	P81/AN1	P52/A13	I36
59	P87/AN7	A12	I37	54	P82/AN2	P52/A14	I37	54	P82/AN2	P52/A14	I37
60	P88/AN8	A12	I38	55	P83/AN3	P52/A15	I38	55	P83/AN3	P52/A15	I38
61	P89/AN9	A12	I39	56	P84/AN4	P52/A16	I39	56	P84/AN4	P52/A16	I39
62	MD0	I30	I61	57	P85/AN5	P52/A17	I40	57	P85/AN5	P52/A17	I40
63	MD1	I31	I62	58	P86/AN6	P52/A18	I41	58	P86/AN6	P52/A18	I41
64	MD2	I32	I63	59	P87/AN7	P52/A19	I42	59	P87/AN7	P52/A19	I42
65	P90/TXDI	I33	I64	60	P88/AN8	P52/A20	I43	60	P88/AN8	P52/A20	I43
66	STBY	I34	I65	61	P90/TXDI	P52/PW1	I44	61	P90/TXDI	P52/PW1	I44
67	RES	I35	I66	62	P91/TXDI	P52/PW2	I45	62	P91/TXDI	P52/PW2	I45
68	NMI	I36	I67	63	P92/TXDI	P52/PW3	I46	63	P92/TXDI	P52/PW3	I46
69	EXTAL	R/W	I68	64	P93/TXDI	P52/PW4	I47	64	P93/TXDI	P52/PW4	I47
70	XTAL	DS	I69	65	P94/TXDI	P52/PW5	I48	65	P94/TXDI	P52/PW5	I48
6	MD0	I37	I70	66	P95/TXDI	P52/PW6	I49	66	P95/TXDI	P52/PW6	I49
7	MD1	I38	I71	67	P96/TXDI	P52/PW7	I50	67	P96/TXDI	P52/PW7	I50
8	MD2	I39	I72	68	P97/TXDI	P52/PW8	I51	68	P97/TXDI	P52/PW8	I51
9	STBY	I40	I73	69	P98/TXDI	P52/PW9	I52	69	P98/TXDI	P52/PW9	I52
10	RES	I41	I74	70	P99/TXDI	P52/PW10	I53	70	P99/TXDI	P52/PW10	I53
11	NMI	I42	I75	71	P100/TXDI	P52/PW11	I54	71	P100/TXDI	P52/PW11	I54
12	GND	I43	I76	72	P101/TXDI	P52/PW12	I55	72	P101/TXDI	P52/PW12	I55
13	I/O	D0	I77	73	P102/TXDI	P52/PW13	I56	73	P102/TXDI	P52/PW13	I56
14	I/O	D1	I78	74	P103/TXDI	P52/PW14	I57	74	P103/TXDI	P52/PW14	I57
15	I/O	D2	I79	75	P104/TXDI	P52/PW15	I58	75	P104/TXDI	P52/PW15	I58
16	I/O	D3	I80	76	P105/TXDI	P52/PW16	I59	76	P105/TXDI	P52/PW16	I59
17	I/O	D4	I81	77	P106/TXDI	P52/PW17	I60	77	P106/TXDI	P52/PW17	I60
18	I/O	D5	I82	78	P107/TXDI	P52/PW18	I61	78	P107/TXDI	P52/PW18	I61
19	I/O	D6	I83	79	P108/TXDI	P52/PW19	I62	79	P108/TXDI	P52/PW19	I62
20	I/O	D7	I84	80	P109/TXDI	P52/PW20	I63	80	P109/TXDI	P52/PW20	I63
21	A0	O	I85	81	P110/TXDI	P52/PW21	I64	81	P110/TXDI	P52/PW21	I64
22	A1	O	I86	82	P111/TXDI	P52/PW22	I65	82	P111/TXDI	P52/PW22	I65
23	A2	O	I87	83	P112/TXDI	P52/PW23	I66	83	P112/TXDI	P52/PW23	I66
24	A3	O	I88	84	P113/TXDI	P52/PW24	I67	84	P113/TXDI	P52/PW24	I67
25	A4	O	I89	85	P114/TXDI	P52/PW25	I68	85	P114/TXDI	P52/PW25	I68
26	A5	O	I90	86	P115/TXDI	P52/PW26	I69	86	P115/TXDI	P52/PW26	I69
27	A6	O	I91	87	P116/TXDI	P52/PW27	I70	87	P116/TXDI	P52/PW27	I70
28	A7	O	I92	88	P117/TXDI	P52/PW28	I71	88	P117/TXDI	P52/PW28	I71
29	GND	-	I93	89	P118/TXDI	P52/PW29	I72	89	P118/TXDI	P52/PW29	I72
30	A8	I/O	P50/A8	90	P119/TXDI	P52/PW30	I73	90	P119/TXDI	P52/PW30	I73
31	A9	I/O	P51/A9	91	P120/TXDI	P52/PW31	I74	91	P120/TXDI	P52/PW31	I74
32	A10	I/O	P52/A10	92	P121/TXDI	P52/PW32	I75	92	P121/TXDI	P52/PW32	I75
33	A11	I/O	P53/A11	93	P122/TXDI	P52/PW33	I76	93	P122/TXDI	P52/PW33	I76
34	A12	I/O	P54/A12	94	P123/TXDI	P52/PW34	I77	94	P123/TXDI	P52/PW34	I77
35	A13	I/O	P55/A13	95	P124/TXDI	P52/PW35	I78	95	P124/TXDI	P52/PW35	I78
36	A14	I/O	P56/A14	96	P125/TXDI	P52/PW36	I79	96	P125/TXDI	P52/PW36	I79
37	A15	I/O	P57/A15	97	P126/TXDI	P52/PW37	I80	97	P126/TXDI	P52/PW37	I80
38	I/O	P60/IRO2	I/O	P61/IRO2	I/O	P62/IRO2	I/O	P63/IRO2	I/O	P64/IRO2	I/O
39	I/O	P65/PW1/IRO3	I/O	P66/PW1/IRO3	I/O	P67/PW1/IRO3	I/O	P68/PW1/IRO3	I/O	P69/PW1/IRO3	I/O
40	I/O	P62/PW2/IRO4	I/O	P63/PW2/IRO4	I/O	P64/PW2/IRO4	I/O	P65/PW2/IRO4	I/O	P66/PW2/IRO4	I/O

INPUT		EXTERNAL TRIGGER									
ADTRG	AN0 - AN7	BREQ	CRYSTAL OSCILLATOR	FREE RUNNING TIMER INPUT	CAPTURE (CH1 - CH3)	FREE RUNNING TIMER COUNTER	OCW (CH1 - CH3)	INTERRUPT REQUEST	MODE SET UP (*1)	NON-MASKABLE INTERRUPT	PORT 8
P10/φ	P11/E	P12/BACK	P13/BREQ	P14/WAIT	P15/IROS	P16/IRO5	MDO - MD2	NMI	PB (0 - 7)	RECEIVE DATA (CH1, CH2)	STANDBY
P17/IRO1/ADTRG	P18/IRO1/IRO2	P19/IRO1/IRO3	P20/IRO1/IRO4	P21/TMC1	P22/TMC2	P23/TMC3	P24/TMC4	P25/TMC5	R/W	8-BIT TIMER CLOCK	SATURATE TIMER COUNTER RESET
P26/TMO	P27/TMO	P28/TMO	P29/TMO	P30/TMO	P31/TMO	P32/TMO	P33/TMO	P34/TMO	AS	WAIT	CRYSTAL OSCILLATOR

OUTPUT		ADDRESS BUS									
A0 - A19	AS	BACK	P1	P2	P3	P4	P5	P6	P7	P8	P9
P10/TMC1	P11/TMC2	P12/TMC3	P13/TMC4	P14/TMC5	P15/TMC6	P16/TMC7	P17/TMC8	P18/TMC9	P19/TMC10	P20/TMC11	P21/TMC12
P10/TMO1	P11/TMO2	P12/TMO3	P13/TMO4	P14/TMO5	P15/TMO6	P16/TMO7	P17/TMO8	P18/TMO9	P19/TMO10	P20/TMO11	P21/TMO12
P10/FTO1	P11/FTO2	P12/FTO3	P13/FTO4	P14/FTO5	P15/FTO6	P16/FTO7	P17/FTO8	P18/FTO9	P19/FTO10	P20/FTO11	P21/FTO12
P10/FTOB1	P11/FTOB2	P12/FTOB3	P13/FTOB4	P14/FTOB5	P15/FTOB6	P16/FTOB7	P17/FTOB8	P18/FTOB9	P19/FTOB10	P20/FTOB11	P21/FTOB12
P10/FTOC1	P11/FTOC2	P12/FTOC3	P13/FTOC4	P14/FTOC5	P15/FTOC6	P16/FTOC7	P17/FTOC8	P18/FTOC9	P19/FTOC10	P20/FTOC11	P21/FTOC12
P10/FTOD1	P11/FTOD2	P12/FTOD3	P13/FTOD4	P14/FTOD5	P15/FTOD6	P16/FTOD7	P17/FTOD8	P18/FTOD9	P19/FTOD10	P20/FTOD11	P21/FTOD12
P10/FTOE1	P11/FTOE2	P12/FTOE3	P13/FTOE4	P14/FTOE5	P15/FTOE6	P16/FTOE7	P17/FTOE8	P18/FTOE9	P19/FTOE10	P20/FTOE11	P21/FTOE12
P10/FTOF1	P11/FTOF2	P12/FTOF3	P13/FTOF4	P14/FTOF5	P15/FTOF6	P16/FTOF7	P17/FTOF8	P18/FTOF9	P19/FTOF10	P20/FTOF11	P21/FTOF12
P10/FTOI1	P11/FTOI2	P12/FTOI3	P13/FTOI4	P14/FTOI5	P15/FTOI6	P16/FTOI7	P17/FTOI8	P18/FTOI9	P19/FTOI10	P20/FTOI11	P21/FTOI12
P10/FTOJ1	P11/FTOJ2	P12/FTOJ3	P13/FTOJ4	P14/FTOJ5	P15/FTOJ6	P16/FTOJ7	P17/FTOJ8	P18/FTOJ9	P19/FTOJ10	P20/FTOJ11	P21/FTOJ12
P10/FTOK1	P11/FTOK2	P12/FTOK3	P13/FTOK4	P14/FTOK5	P15/FTOK6	P16/FTOK7	P17/FTOK8	P18/FTOK9	P19/FTOK10	P20/FTOK11	P21/FTOK12
P10/FTOL1	P11/FTOL2	P12/FTOL3	P13/FTOL4	P14/FTOL5	P15/FTOL6	P16/FTOL7	P17/FTOL8	P18/FTOL9	P19/FTOL10	P20/FTOL11	P21/FTOL12
P10/FTOM1	P11/FTOM2	P12/FTOM3	P13/FTOM4	P14/FTOM5	P15/FTOM6	P16/FTOM7	P17/FTOM8	P18/FTOM9	P19/FTOM10	P20/FTOM11	P21/FTOM12

INPUTS		CONTENTS											
MD2	MD1	MD0	I	I	I	I	I	I	I	I	I		
0	0	1	MODE 1	EXTENSION MINIMUM MODE	EXTENSION MAXIMUM MODE	MODE NO EFFECTIVE ROM	MODE 2	EXTENSION MINIMUM MODE	EXTENSION MAXIMUM MODE	MODE NO EFFECTIVE ROM	MODE 3	EXTENSION MAXIMUM MODE	MODE NO EFFECTIVE ROM
0	1	0	MODE 2	EXT									

MB88351PFV (FUJITSU) FLAT PACKAGE
C-MOS 12-BIT D/A CONVERTER WITH OPERATIONAL AMPLIFIER
- TOP VIEW -

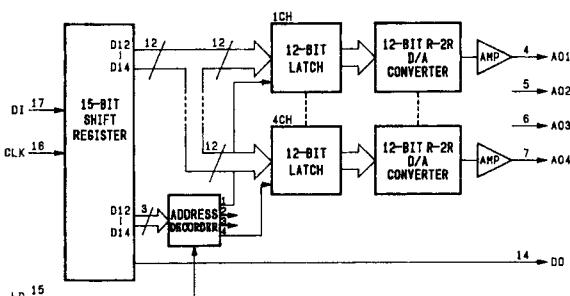


INPUT
CLK : SHIFT CLOCK
DI : SERIAL DATA
LD : DECODER AND D/A REGISTER TO LOAD

OUTPUT
A01 – A04 : ANALOG DATA
DO : MBS BIT DATA IN 15-BIT SHIFT REGISTER

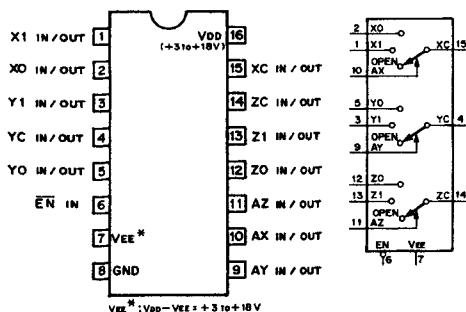
D12	D13	D14	ADDRESS SELECT
0	0	0	DON'T CARE
0	0	1	A01 SELECT
0	1	0	A02 SELECT
1	0	1	A03 SELECT
1	0	0	A04 SELECT
1	0	1	DON'T CARE
1	1	0	DON'T CARE
1	1	1	DON'T CARE

0 : LOW LEVEL
1 : HIGH LEVEL



MC14053BF (MOTOROLA) FLAT PACKAGE
TC4053BFS (TOSHIBA) FLAT PACKAGE

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXERS/DEMULITPLEXERS
- TOP VIEW -

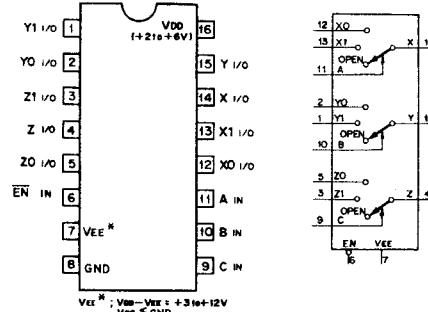


0 : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE.

CONT. INPUTS		ON	CHANNEL
EN	A (X,Y,Z)	0	0
0	1	1	
1	X	OPEN	

MC74HC4053F (MOTOROLA) FLAT PACKAGE
TC74HC4053AFS (TOSHIBA) FLAT PACKAGE

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXER/DEMULITPLEXER
- TOP VIEW -



V_{DD}² : V_{DD}-V_{EE} = +3 to +12V

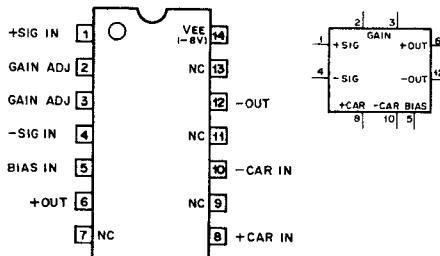
V_{EE} : GND

CONTROL INPUTS			ON CHANNEL
EN	C	B	A
0	0	0	0
0	0	0	1
0	0	1	0
0	0	1	1
0	1	0	0
0	1	0	1
0	1	1	0
0	1	1	1
1	X	X	X

0 : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE

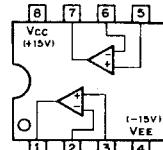
NJM1496M (JRC) FLAT PACKAGE

BALANCED MODULATOR/DEMODULATOR
- TOP VIEW -



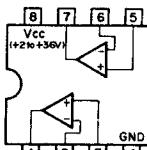
NJM2043M (JRC) FLAT PACKAGE

DUAL OPERATIONAL AMPLIFIER
- TOP VIEW -



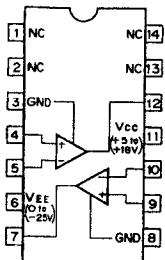
NJM2903M (JRC) FLAT PACKAGE

DUAL VOLTAGE COMPARATORS
- TOP VIEW -



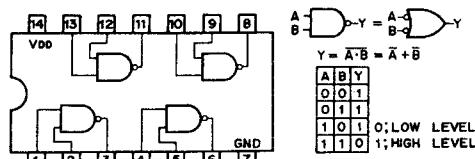
NJM319M (JRC) FLAT PACKAGE

DUAL VOLTAGE COMPARATOR
- TOP VIEW -



SN74HC00APW (TI) FLAT PACKAGE

C-MOS QUAD 2-INPUT NAND GATES
- TOP VIEW -

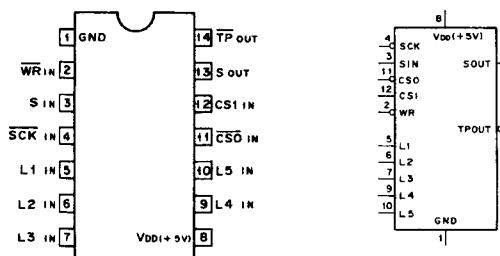


NOTE :

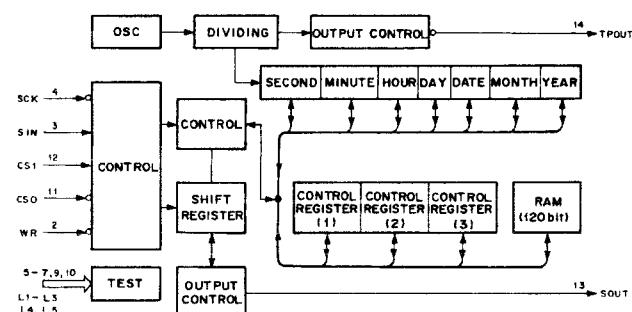
TYPE	V _{DD}
TC74AC00 TYPE	+2 to +5.5V
TC74VHC00	+5V
MC74HCT00N	+5V
74ACT00 TYPE	+4.5 to +5.5V
OTHER TYPES	+2 to +6V

RTC4553B (EPSON)

C-MOS REAL TIME CLOCK

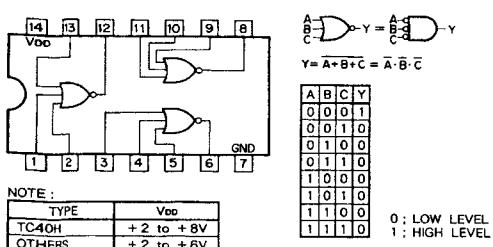


INPUT
CS0 : CHIP SELECT (L : ACCESS ENABLE, H : SOUT HIGH Z)
CS1 : POWER DOWN DETECTION
L1 - L5 : TEST IN
SCK : SERIAL SYNC SIGNAL
SIN : SERIAL ADDRESS/DATA
WR : WRITING SELECT (L : WRITING, H : READING)
OUTPUT
SOUT : SERIAL ADDRESS/DATA
TPOUT : REFERENCE SIGNAL



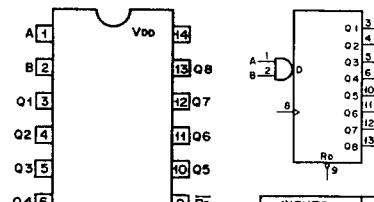
SN74HC27ANS (TI) FLAT PACKAGE

C-MOS 3-LINE POSITIVE-NOR GATE
- TOP VIEW -



SN74HC164ANS (TI) FLAT PACKAGE

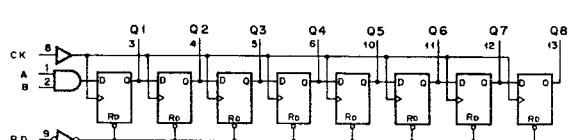
C-MOS 8-BIT SERIAL-IN/PARALLEL-OUT SHIFT REGISTER
- TOP VIEW -



NOTE :

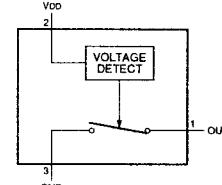
TYPE	V _{DD}
ACV/HC	+2 to +5.5V
HC	+2 to +6V
HCT	+5V

O : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE

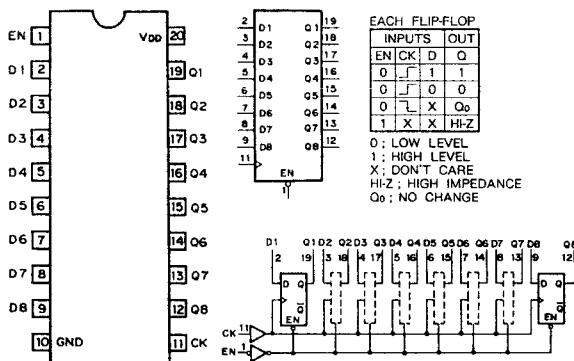


S-8054HN-CB (SEIKO I AND E) 3.80—4.20V

VOLTAGE DETECTOR WITH N-CHANNEL OPEN DRAIN OUTPUT
- TOP VIEW -

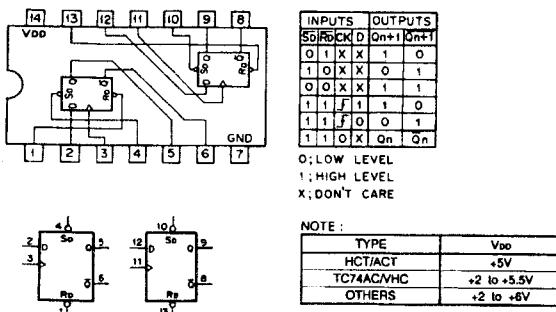


SN74HC574ANS (TI) FLAT PACKAGE

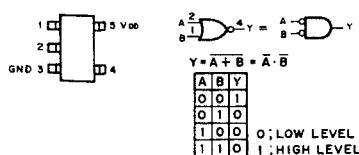
C-MOS 3-STATE D-TYPE EDGE-TRIGGERED FLIP-FLOP
- TOP VIEW -

NOTE :	
TYPE	V _{DD}
74AC/74HC	+2 to +6V
74ACT/74FCT /74HCT	+5V
TCT74AC574F TCT74VHC574	+2 to +5.5V

SN74HC74APW (TI) FLAT PACKAGE

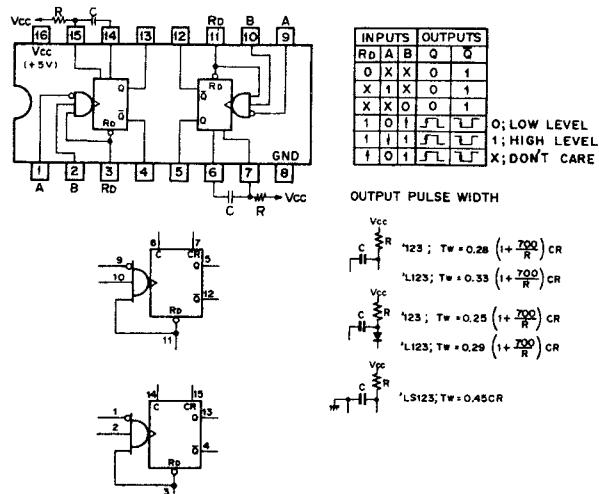
C-MOS DUAL D-TYPE FLIP-FLOPS WITH DIRECT SET/RESET
- TOP VIEW -

NOTE :	
TYPE	V _{DD}
HCT/ACT	+5V
TC74AC/VHC	+2 to +5.5V
OTHERS	+2 to +6V

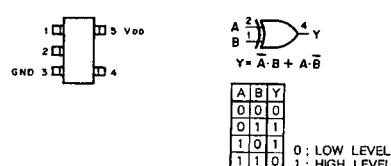
TC4S01F (TOSHIBA) CHIP PACKAGE
TC7S02F (TOSHIBA) CHIP PACKAGEC-MOS 2-INPUT NOR GATE
- TOP VIEW -

TYPE	V _{DD}
4S01F	+3 to +18V
7S02F	
7S02FU	+2 to +6V
7SH02FU	

SN74LS123NS (TI) FLAT PACKAGE

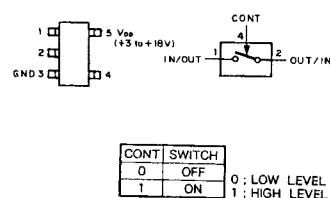
TTL RETRIGGERRABLE MONOSTABLE MULTIVIBRATORS WITH DIRECT RESET
- TOP VIEW -

TC4S30F (TOSHIBA) CHIP PACKAGE

C-MOS 2-INPUT EXCLUSIVE OR GATE
- TOP VIEW -

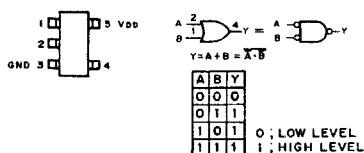
TYPE	V _{DD}
7S86FU	+2 to +6V
7S86F	+5V
4S30F	+3 to +18V

TC4S66F (TOSHIBA) CHIP PACKAGE

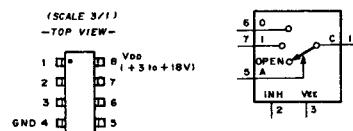
C-MOS BILATERAL ANALOG SWITCH
- TOP VIEW -

TYPE	V _{DD}
4S01F	+3 to +18V
7S02F	
7S02FU	+2 to +6V
7SH02FU	

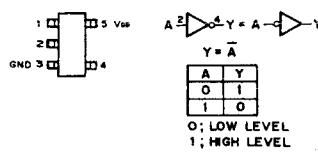
TC4S71F (TOSHIBA) CHIP PACKAGE

C-MOS 2-INPUT OR GATE
- TOP VIEW -

TYPE	V _{DD}
7S32F	+ 2 to + 6V
7S32FU	+ 3 to + 18V
4S71F	+ 3 to + 18V
7SH32FU	- 2 to + 5.5V

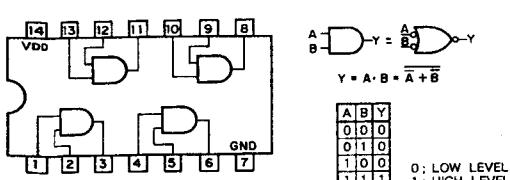
TC4W53F (TOSHIBA) CHIP PACKAGE
TC4W53FU (TOSHIBA) CHIP PACKAGEC-MOS 2-CHANNEL MULTIPLEXER/DEMULTIPLEXER
- TOP VIEW -

CONT. INPUT	ON CHANNEL
INH	A
0	0
1	1
X	OPEN

TC4S69F (TOSHIBA) CHIP PACKAGE
TC7S04F (TOSHIBA) CHIP PACKAGEC-MOS INVERTER
- TOP VIEW -

TYPE	V _{DD}
7S04F	+ 2 to + 6V
7S04FU	+ 2 to + 6V
4S69F	+ 3 to + 18V
4S69FU	+ 3 to + 18V
7SH04FU	+ 2 to + 5.5V

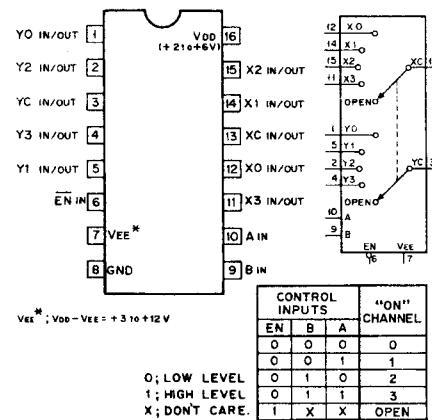
TC74VHC08FS (TOSHIBA) FLAT PACKAGE (SMALL)

C-MOS QUAD 2-INPUT AND GATES
- TOP VIEW -

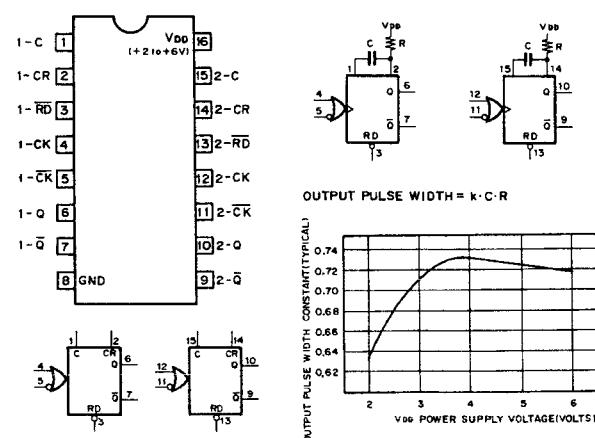
NOTE:	TYPE	V _{DD}
TC74AC08 TYPE		
MCT74ACT08M	+ 2 to + 5.5V	
T040H	+ 2 to + 8V	
OTHER TYPES	+ 2 to + 6V	

DXC-637 (J,UC)
DXC-637P (EK)

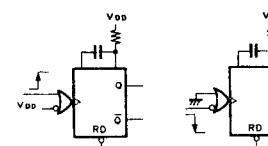
TC74HC4052AFS (TOSHIBA) FLAT PACKAGE

C-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
- TOP VIEW -

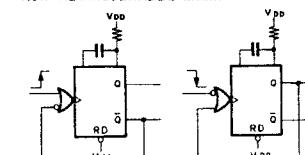
TC74HC4538AFS (TOSHIBA) FLAT PACKAGE

C-MOS DUAL RETRIGGERABLE/NON-RETRIGGERABLE MONOSTABLE MULTIVIBRATOR
- TOP VIEW -

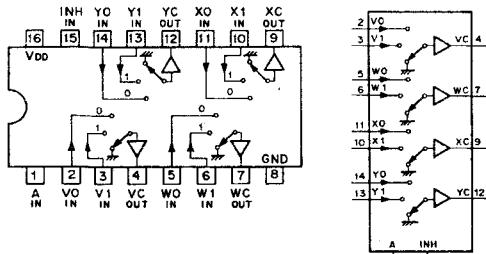
RETRIGGERABLE M.M.V



NON-RETRIGGERABLE M.M.V



TC74VHC157FS (TOSHIBA) FLAT PACKAGE (SMALL)
C-MOS QUAD 2-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
- TOP VIEW -



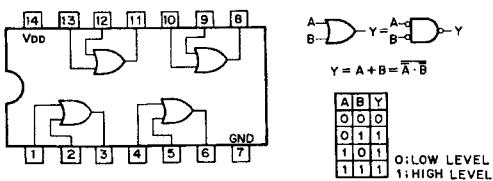
NOTE :

TYPE	V _{dd}	
74ACT /74FCT	+5V	
TC74AC157P	+2 to +5.5V	
TC74AC157	TC40H	+2 to +5V
OTHER TYPES	+2 to +6V	

CONT.	IN	ON CHANNEL
INH	A	0
0	1	1
1	X	GND

0 : LOW LEVEL
1 : HIGH LEVEL
X : DON'T CARE

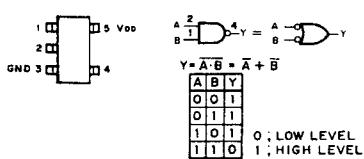
TC74VHC32FS (TOSHIBA) FLAT PACKAGE (SMALL)

C-MOS QUAD 2-INPUT OR GATES
- TOP VIEW -

NOTE :

TYPE	V _{dd}
AC/VHC	+2 to +5.5V
HC	+2 to +6V

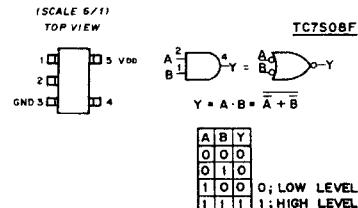
TC7S00F (MOTOROLA) CHIP PACKAGE

C-MOS 2-INPUT NAND GATE
- TOP VIEW -

TYPE	V _{dd}
7S00F	+ 2 to + 6V
7S00FU	+ 2 to + 6V
4S11F	+ 3 to + 18V
4SU11F	+ 2 to + 18V
7SH00FU	+ 2 to + 5.5V

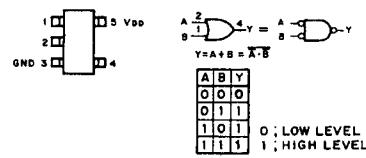
TC7S08F (TOSHIBA) CHIP PACKAGE
TC7S08FU (TOSHIBA) CHIP PACKAGE
TC7SH08FU (TOSHIBA) CHIP PACKAGE

C-MOS 2-INPUT AND GATE



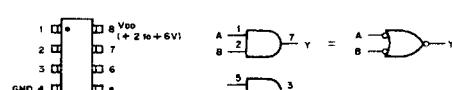
TYPE	V _{dd}
7S08F	+ 2 to + 6V
7S08FU	+ 2 to + 6V
4S81F	+ 3 to + 18V
14S81F	+ 3 to + 18V
7SH08FU	- 2 to + 5.5V

TC7S32F (TOSHIBA) CHIP PACKAGE
TC7SH32FU (TOSHIBA) CHIP PACKAGE

C-MOS 2-INPUT OR GATE
- TOP VIEW -

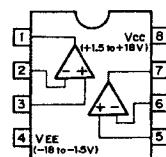
TYPE	V _{dd}
7S32F	+ 2 to + 6V
7S32FU	+ 2 to + 6V
4S71F	+ 3 to + 18V
7SH32FU	- 2 to + 5.5V

TC7W08FU (TOSHIBA) CHIP PACKAGE

C-MOS 2-INPUT AND GATE
- TOP VIEW -

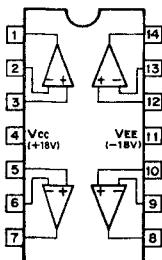
A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

0 : LOW LEVEL
1 : HIGH LEVEL

TL062CPS (T) FLAT PACKAGE
TL062CPW (T) FLAT PACKAGEOPERATIONAL AMPLIFIER (J FET INPUT)
- TOP VIEW -DXC-637 (J, C)
DXC-637P (B)

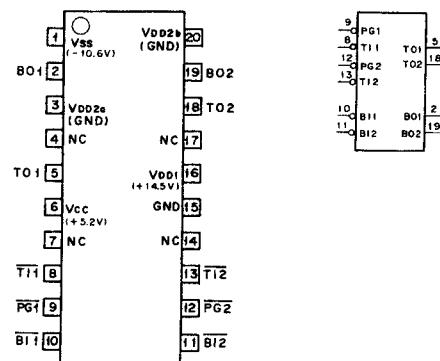
TL064CNS (TI) FLAT PACKAGE
TL064CPW (TI)

OPERATIONAL AMPLIFIER (J FET INPUT)
 - TOP VIEW -



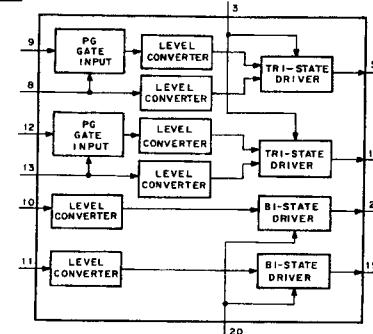
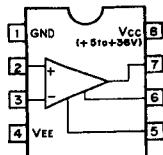
UPD16502GS (NEC) FLAT PACKAGE

C-MOS CCD DRIVER
 - TOP VIEW -



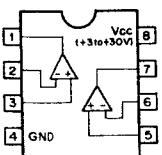
UPC311G2 (NEC) FLAT PACKAGE

VOLTAGE COMPARATOR
 - TOP VIEW -



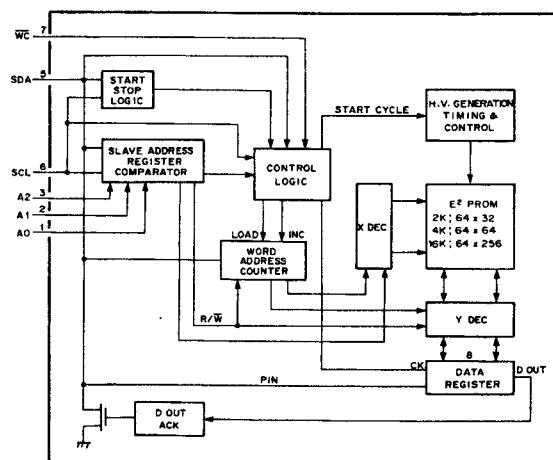
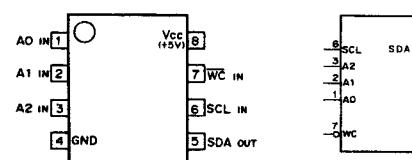
UPC358G2 (NEC) FLAT PACKAGE

DUAL OPERATIONAL AMPLIFIERS
 - TOP VIEW -



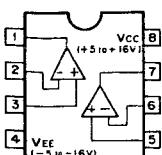
X24C02S-3.0 (XICOR) (2K BIT) FLAT PACKAGE

C-MOS SERIAL EEPROM
 - TOP VIEW -



UPC812G2 (NEC) FLAT PACKAGE

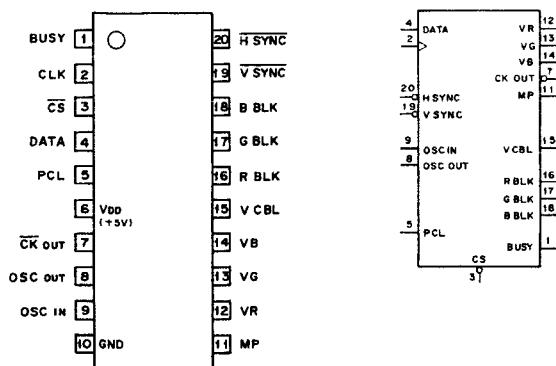
OPERATIONAL AMPLIFIER (J FET INPUT)
 - TOP VIEW -



UPD6453GT (NEC) FLAT PACKAGE

C-MOS ON-SCREEN CHARACTER DISPLAY

- TOP VIEW -

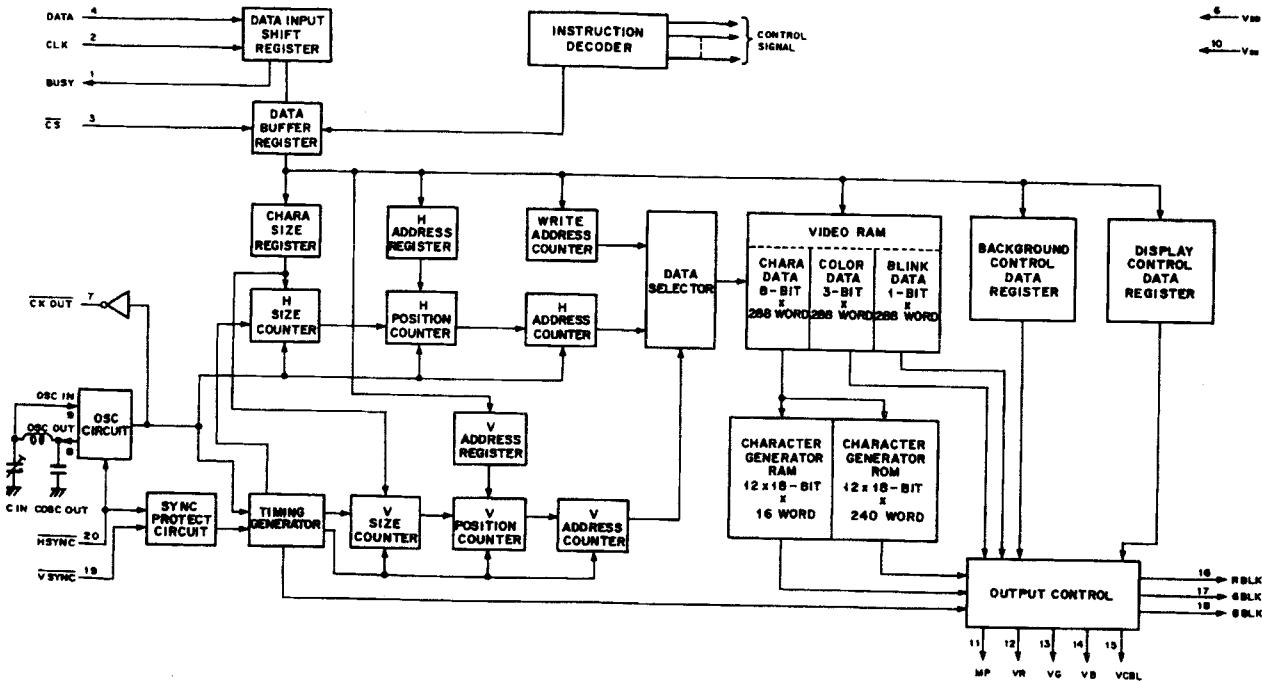


INPUT

- CLK : CLOCK
- CS : CHIP SELECT
- DATA : SERIAL DATA
- H SYNC : HORIZONTAL SYNC
- OSC IN : OSCILLATOR IN
- PCL : POWER ON CLEAR
- V SYNC : VERTICAL SYNC

OUTPUT

- B, R, G, Blk : B, R, G, BLANKING
- BUSY : BLANK OUT
- CK OUT : CLOCK
- MP : MASK PULSE
- OSC OUT : OSCILLATOR OUT
- VR, VG, VB : R, G, B, CHARACTER DATA
- Vcbl : VIDEO CUT BLANKING



SECTION D

SPARE PARTS

PARTS INFORMATION

1. Safety Related Component Warning

Components indentified by shading marked with  on the schematic diagrams, exploded views and electrical spare parts list are critical to safe operation. Replace these components with Sony parts whose parts numbers appear as shown in this manual or in service manual supplements published by Sony.

2. Replacement Parts supplied from Sony Parts Center will sometimes have different shape and outside view from the parts which actually in use. This is due to "**accommodating the improved parts and/or engineering changes**" or "**standardization of genuine parts.**" This manual's exploded view and electrical spare parts lists are indicating the parts numbers of "the standardized genuine parts at present." Regarding engineering parts and diagrams changes in our engineering department, refer to SONY service bulletins and service manual supplements.
3. The parts marked with "S" in the SP column of the exploded views and electrical spare parts list are normally required for routine service work. Orders for parts marked with "O" will be processed, but allow for additional delivery time.
4. Item with no parts number and/or no description are not stocked because they are seldom required for routine service.
5. All capacitors are in micro farads unless otherwise specified.
All inductors are in micro henries unless otherwise specified.
All resistors are in ohms.

EXPLODED VIEW

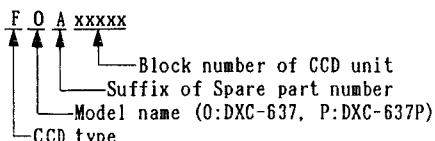
CCD BLOCK

No.	Part No.	SP Description
1	A-8274-722-A	s CCD UNIT-C637(N) (FOR DXC-637) *1
2	A-8274-723-A	s CCD UNIT-C637P(P) (FOR DXC-637P) *2
3	A-8310-946-A	o MOUNTED CIRCUIT BOARD, SE-234
4	A-8310-963-A	o MOUNTED CIRCUIT BOARD, CN-1173
5	1-547-259-11	o FILTER UNIT, OPTICAL
6	1-954-548-11	o HARNESS, SUB (FL)
7	3-178-213-21	s SCREW (M3X10), +B
8	3-672-221-02	s PACKING, CONTROL
9	3-676-244-00	s COVER, SWITCH
10	3-678-629-00	s LEVER, MOUNT
11	3-678-684-00	o HOLDER, CABLE
12	3-686-185-01	o PANEL, FRONT
13	3-686-191-01	o PLATE, FILTER-ID
14	3-686-265-01	o FINGER, SHIELD
15	3-686-269-02	s STOPPER, MOUNT
16	3-688-781-02	s KNOB, FILTER
17	3-699-048-01	s CAP, MOUNT
18	3-701-506-01	s SET SCREW, DOUBLE POINT 3X4
19	3-708-987-01	s RING, BAYONET
20	7-627-452-38	s SCREW, PRECISION +K 2X5
21	7-627-553-48	s SCREW, PRECISION +P 2X4
22	7-627-556-58	s SCREW, PRECISION +P 2.6X5

*1 CCD BLOCK No. FOAxxxxx

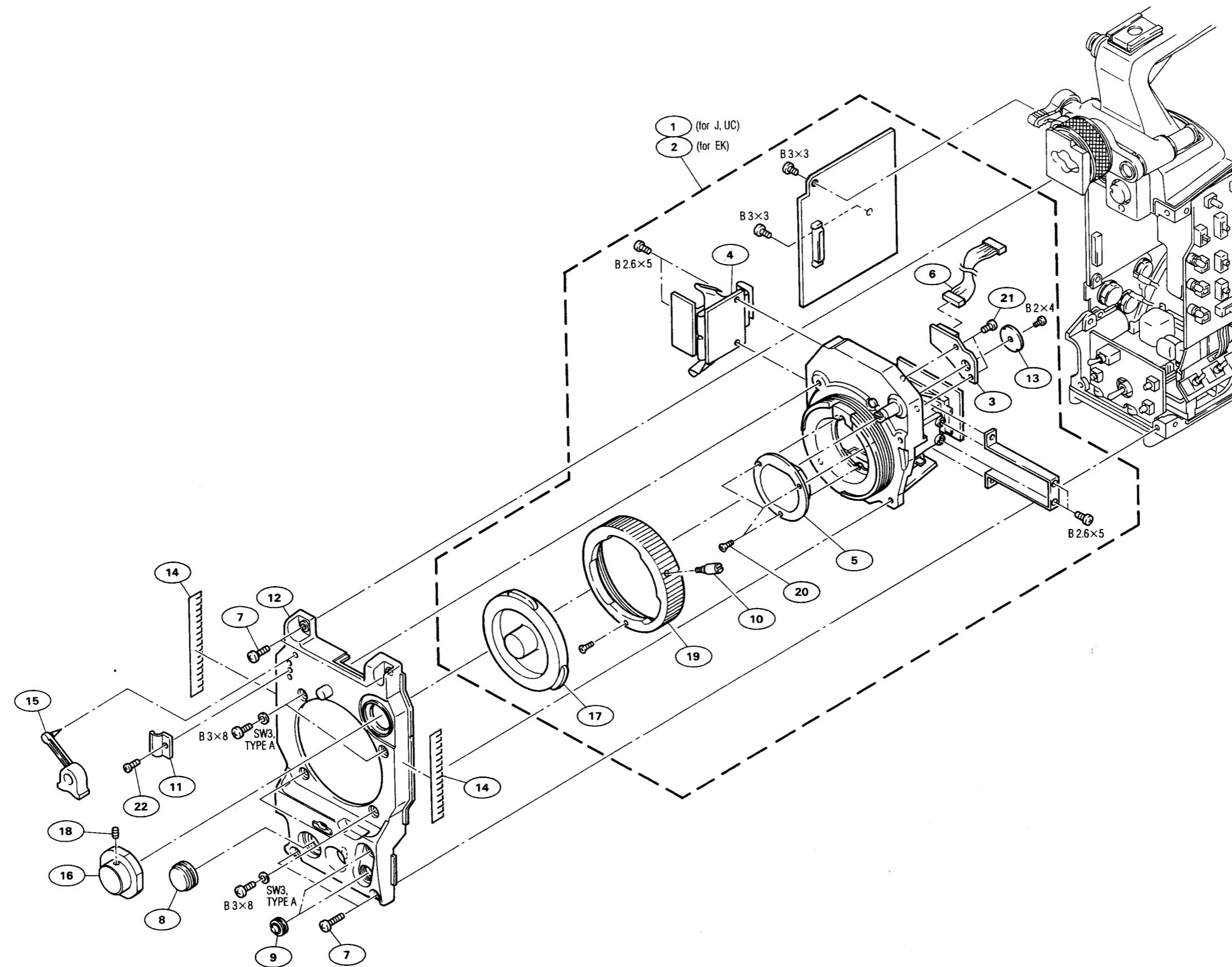
*2 CCD BLOCK No. FPAxxxxx

How to read the CCD BLOCK No.



CCD BLOCK CCD BLOCK

CCD BLOCK

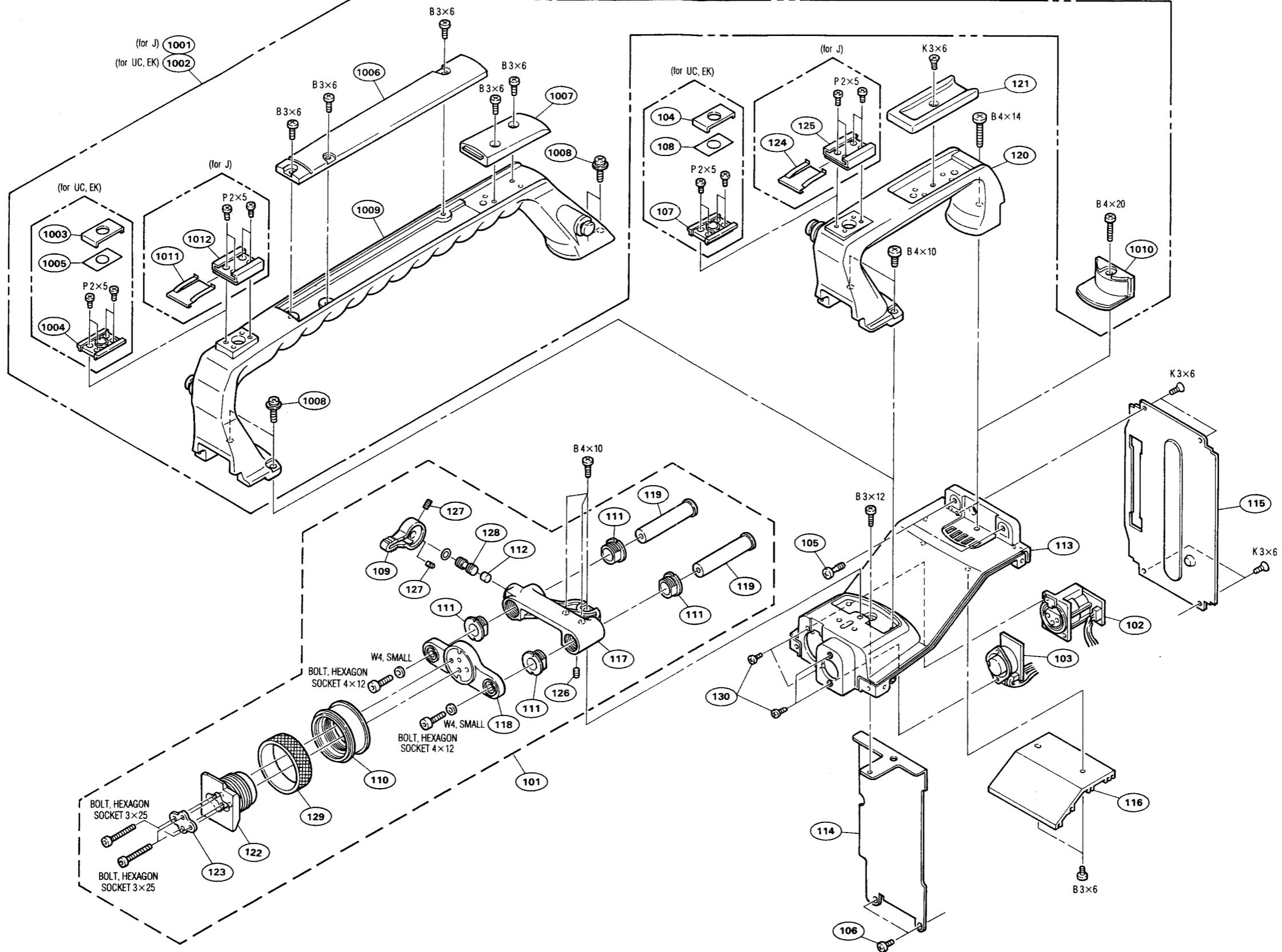


HANDLE BLOCK

HANDLE BLOCK

SPARE PARTS FOR PVW-637/637P

HANDLE BLOCK



HANDLE BLOCK

No.	Part No.	SP Description
101	A-8278-153-C	o SLIDE ASSY, VF
102	A-8310-949-A	o MOUNTED CIRCUIT BOARD, CN-1106
103	A-8310-964-A	o MOUNTED CIRCUIT BOARD, CN-1107
104	2-277-468-01	o PLATE, ORNAMENTAL, CAMERA SHOE (FOR DXC-637;UC, DXC-637P)
105	3-175-715-02	s SCREW, FITTING, ADAPTOR
106	3-178-214-01	s SCREW (M3X6), +B
107	3-657-700-00	s BRACKET, ACCESSORY (FOR DXC-637;UC, DXC-637P)
108	3-672-213-00	o SHEET, ADHESIVE (FOR DXC-637;UC, DXC-637P)
109	3-673-046-00	s LEVER, LOCK
110	3-679-543-11	o RING(D), LOCK
111	3-679-684-01	o REST, ARM
112	3-679-702-01	o CUSHION, STOPPER
113	3-686-183-01	o CHASSIS, TOP
114	3-686-184-01	o DIVIDER
115	3-686-192-02	o PLATE, REAR
116	3-686-193-01	o RAIL, TOP
117	3-686-195-03	o SLIDEBASE, VF
118	3-686-196-02	o RETAINER, VF SHOE
119	3-686-197-01	o ARM, SLIDE
120	3-686-253-02	o HANDLE
121	3-686-254-01	o PLATE, BLIND
122	3-686-261-02	s SHOE3, VF SLIDE
123	3-687-070-01	o WASHER, SHOE
124	3-688-754-11	o SPRING, SHOE (FOR DXC-637;J)
125	3-688-755-12	o SHOE, ACCESSORY (FOR DXC-637;J)
126	3-701-506-01	s SET SCREW, DOUBLE POINT 3X4
127	3-701-508-00	s SET SCREW, DOUBLE POINT 3X6
128	3-711-794-01	o PIN, STOPPER
129	3-720-919-01	o RUBBER, LOCK RING
130	7-627-556-57	s SCREW, PRECISION +P 2.6X5 TYPE1

- SPARE PARTS FOR PVW-637 -

No.	Part No.	SP Description
1001	A-8274-969-A	s HANDLE ASSY (FOR PVW-637;UC, PVW-637P)
1002	A-8274-970-A	s HANDLE ASSY (FOR PVW-637;J)
1003	2-277-468-01	o PLATE, ORNAMENTAL, CAMERA SHOE (FOR PVW-637;UC, PVW-637P)
1004	3-657-700-00	s BRACKET, ACCESSORY (FOR PVW-637;UC, PVW-637P)
1005	3-672-213-00	o SHEET, ADHESIVE (FOR PVW-637;UC, PVW-637P)
1006	3-679-035-01	o LID, HANDLE
1007	3-679-036-01	o LID, HANDLE(2)
1008	3-685-694-01	s NYLOCK +PSW M4
1009	3-686-381-02	o HANDLE, (PVW)
1010	3-686-382-01	s PLATE, BLIND
1011	3-688-754-11	o SPRING, SHOE (FOR PVW-637;J)
1012	3-688-755-12	o SHOE, ACCESSORY (FOR PVW-637;J)

CHASSIS (1) BLOCK

No. Part No. SP Description

201 A-7612-352-E s SHOE (A) ASSY, V
202 A-8278-155-A o CHASSIS ASSY, BASE
203 A-8310-947-A o MOUNTED CIRCUIT BOARD, SW-728
204 A-8310-948-A o MOUNTED CIRCUIT BOARD, FP-68
205 A-8310-950-A o MOUNTED CIRCUIT BOARD, PSW-30

206 A-8310-959-A o MOUNTED CIRCUIT BOARD, AA-81
207 X-3166-928-1 s SHOE ASSY, STOPPER
208 1-507-858-31 o JACK, PIN 1P "MONITOR OUT"
209 1-561-781-11 s CONNECTOR, BNC "VIDEO OUT"
210 1-562-782-21 s CONNECTOR, 10P FEMALE "REMOTE"

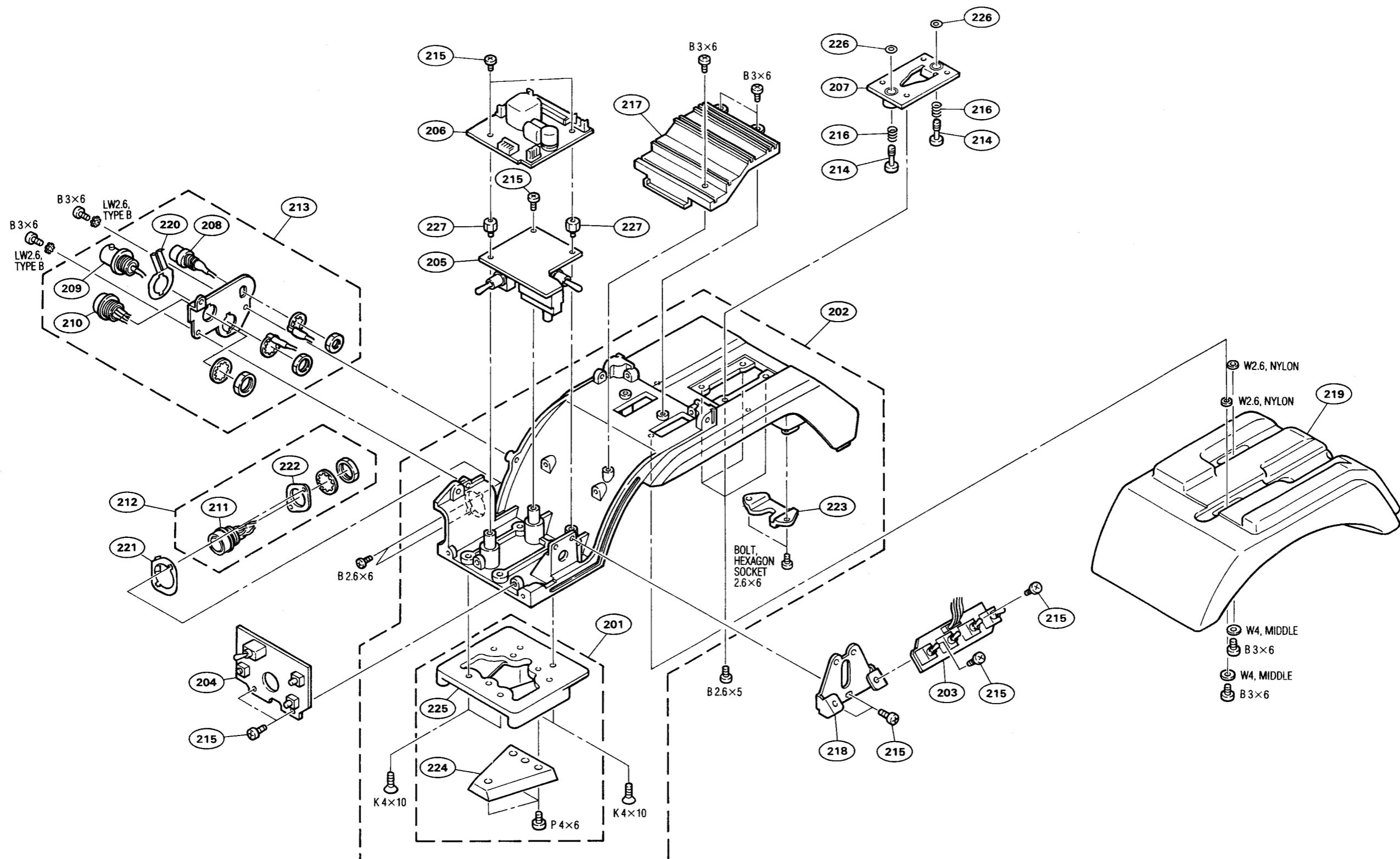
211 1-563-947-11 s CONNECTOR, 12P FEMALE "LENS"
212 1-954-549-12 o HARNESS, SUB (LENS)
213 1-954-550-13 o HARNESS, SUB (CNP)
214 3-175-715-02 s SCREW, FITTING, ADAPTOR
215 3-178-214-01 s SCREW (M3X6), +B

216 3-566-903-02 s SPRING
217 3-686-179-01 o PB RAIL, LOWER
218 3-686-181-01 o BRACKET, SW724
219 3-686-257-01 s PAD, SHOULDER
220 3-687-193-01 o SPRING 1

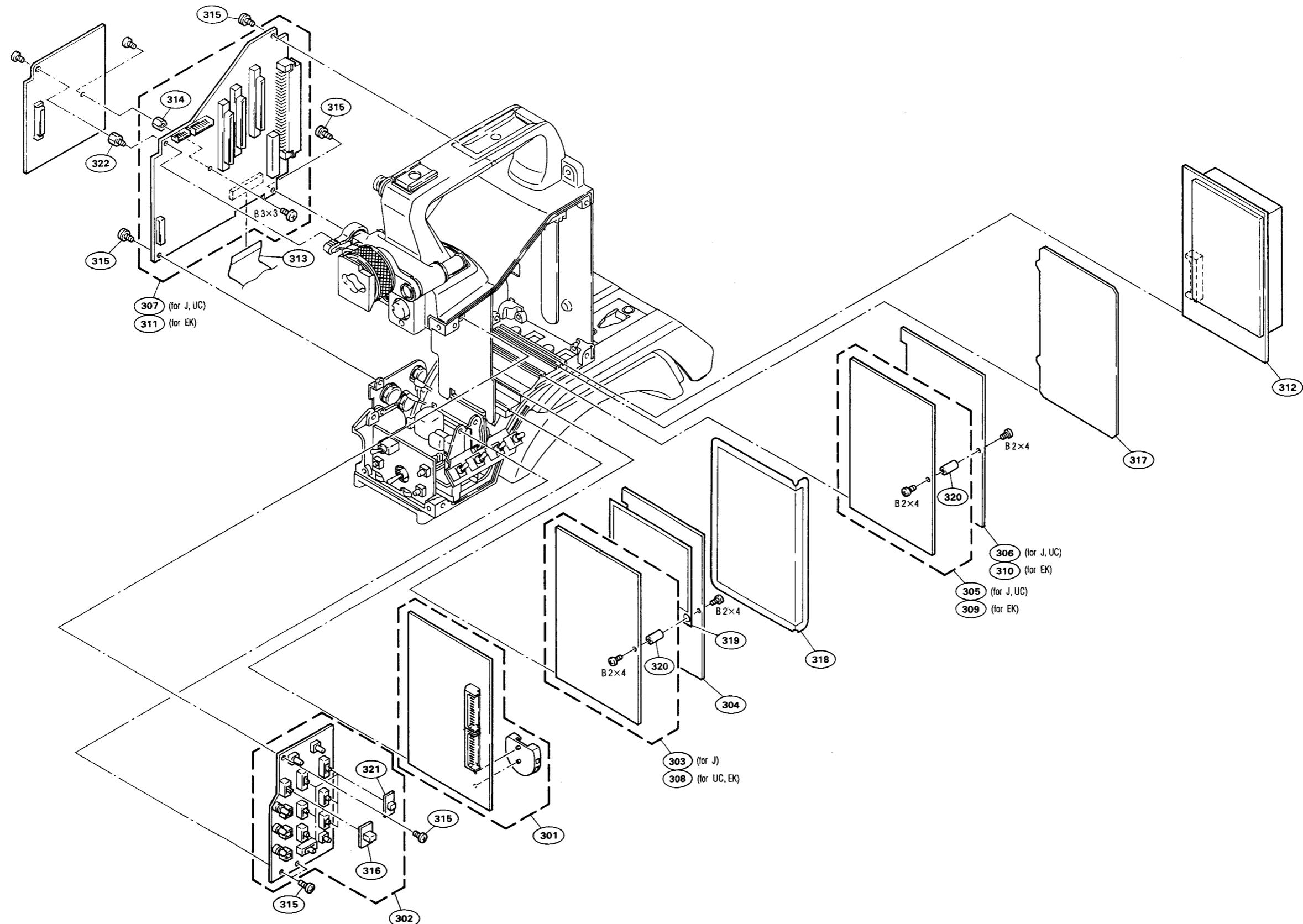
221 3-687-194-01 o SPRING 2
222 3-710-002-01 o BRACKET
223 3-711-703-01 o STOPPER
224 3-716-391-01 o WEDGE, MOUNTING
225 3-729-065-04 s SHOE (A), CAMERA

226 3-892-114-00 s RING (DIA. 3), O
227 4-924-260-01 o BOSS (D)

CHASSIS (1) BLOCK



PRINTED CIRCUIT BOARD



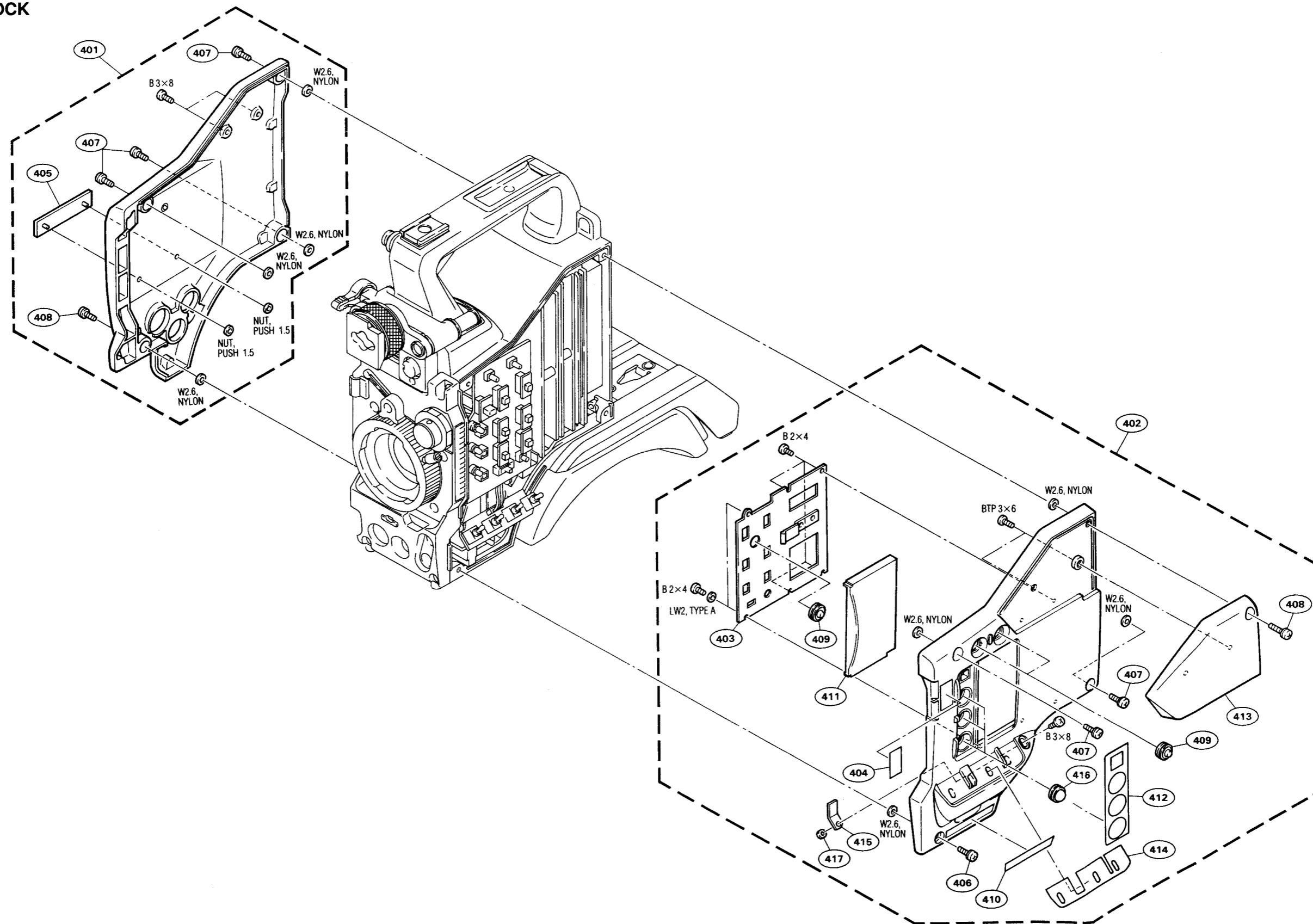
PRINTED CIRCUIT BOARD

No.	Part No.	SP Description
301	A-8310-952-A	o MOUNTED CIRCUIT BOARD, AT-93
302	A-8310-953-A	o MOUNTED CIRCUIT BOARD, SW-724
303	A-8310-954-A	o MOUNTED CIRCUIT BOARD, PR-209 (FOR DXC-637;UC)
304	A-8310-955-A	o MOUNTED CIRCUIT BOARD, IE-47
305	A-8310-956-A	o MOUNTED CIRCUIT BOARD, EN-122 (N) (FOR DXC-637)
306	A-8310-957-A	o MOUNTED CIRCUIT BOARD, SG-232 (N) (FOR DXC-637)
307	A-8310-958-A	o MOUNTED CIRCUIT BOARD, MB-597 (N) (FOR DXC-637)
308	A-8310-968-A	o MOUNTED CIRCUIT BOARD, PR-209 (FOR DXC-637;J, DXC-637P)
309	A-8310-976-A	o MOUNTED CIRCUIT BOARD, EN-122 (P) (FOR DXC-637P)
310	A-8310-977-A	o MOUNTED CIRCUIT BOARD, SG-232 (P) (FOR DXC-637P)
311	A-8310-978-A	o MOUNTED CIRCUIT BOARD, MB-597 (P) (FOR DXC-637P)
312	1-473-244-11	s CONVERTER UNIT, DC-DC
313	1-769-710-11	o CABLE, FLAT (1 MM)
314	2-280-622-01	o SUPPORT(M3), HEXAGON
315	3-178-214-01	s SCREW (M3X6), +B
316	3-686-186-01	o KNOB, MODE-SW
317	3-686-199-02	o PLATE, SHIELD-PS
318	3-686-256-02	o PLATE, SHIELD2
319	3-687-169-01	o PLATE, IE-SHIELD
320	3-699-005-01	o SUPPORT, TG-18
321	3-717-900-01	o KNOB(A) (TC), SW
322	4-924-260-01	o BOSS (D)

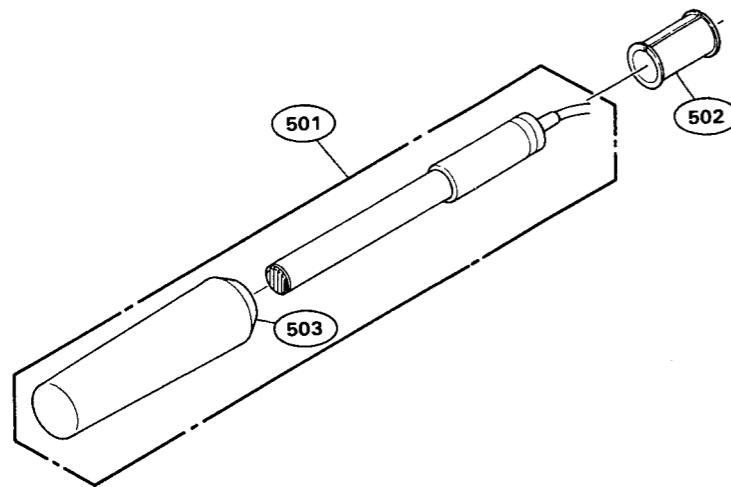
CHASSIS (2) BLOCK

No.	Part No.	SP Description
401	A-8278-151-A	o PANEL ASSY, LEFT
402	A-8278-152-B	o PANEL ASSY, RIGHT
403	X-3678-272-1	o PLATE ASSY
404	3-174-408-01	o LABEL, FILTER
405	3-176-138-01	o EMBLEM, HYPER HAD
406	3-178-213-11	s SCREW (M3X8), +B
407	3-178-213-21	s SCREW (M3X10), +B
408	3-178-213-41	s SCREW (M3X14), +B
409	3-676-244-00	s COVER, SWITCH
410	3-686-188-01	o LABEL, POWER
411	3-686-189-02	o LID, SIDE
412	3-686-190-01	o PLATE, ATW-SW
413	3-686-194-01	s PAD, SIDE
414	3-686-255-01	o PLATE, GAIN-SW
415	3-686-262-01	o PLATE, LOCK
416	3-686-268-01	s COVER 2, SW
417	3-942-866-01	s NUT (M3) (3X0.5), NYLON

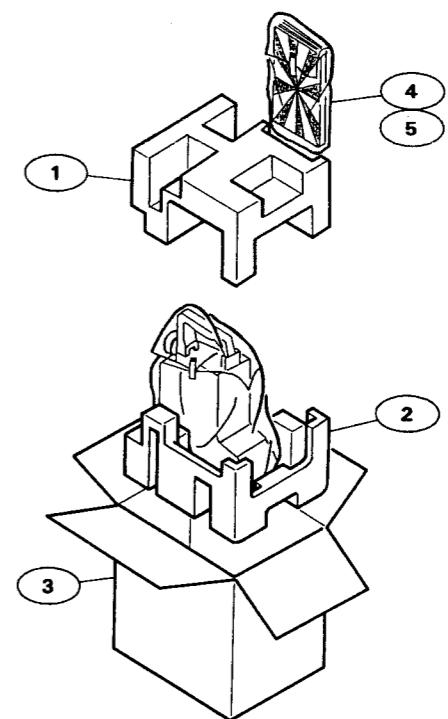
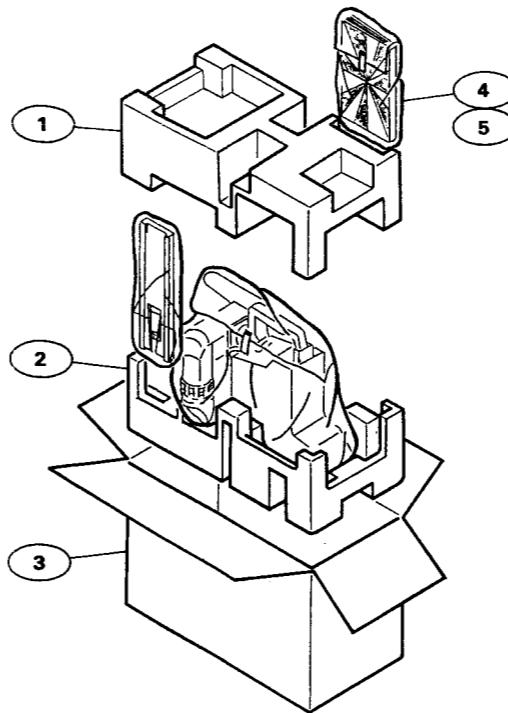
CHASSIS (2) BLOCK



MICROPHONE



PACKING MATERIAL AND ACCESSORIES



MICROPHONE

No.	Part No.	SP Description
501	1-542-233-11	o MICROPHONE
502	3-179-882-01	o SPACER, MICROPHONE
503	3-708-875-01	s SCREEN, WIND

DXC-637K/637PK

No.	Part No.	SP Description
1	3-687-064-01	o CUSHION(TOP)
2	3-687-069-01	o CUSHION(BOTTOM)
3	3-687-065-01	o INDIVIDUAL CARTON (FOR DXC-637K)
	3-687-066-01	o INDIVIDUAL CARTON (FOR DXC-637PK)
4	3-764-889-01	o CHART, ADJUSTMENT
5	3-798-644-01	s MANUAL, INSTRUCTION (JAPANESE)
	3-798-644-21	s MANUAL, INSTRUCTION (ENGLISH)
	3-798-644-31	s MANUAL, INSTRUCTION (FRENCH)
	3-798-644-41	s MANUAL, INSTRUCTION (GERMAN)
	3-798-644-51	s MANUAL, INSTRUCTION (ITALIAN)
	3-798-644-61	s MANUAL, INSTRUCTION (CHINESE)

DXC-637L/637PL

No.	Part No.	SP Description
1	3-687-064-01	o CUSHION(TOP)
2	3-687-069-01	o CUSHION(BOTTOM)
3	3-687-067-01	o INDIVIDUAL CARTON (FOR DXC-637L)
	3-687-068-01	o INDIVIDUAL CARTON (FOR DXC-637PL)
4	3-764-889-01	o CHART, ADJUSTMENT
5	3-798-644-01	s MANUAL, INSTRUCTION (JAPANESE)
	3-798-644-21	s MANUAL, INSTRUCTION (ENGLISH)
	3-798-644-31	s MANUAL, INSTRUCTION (FRENCH)
	3-798-644-41	s MANUAL, INSTRUCTION (GERMAN)
	3-798-644-51	s MANUAL, INSTRUCTION (ITALIAN)
	3-798-644-61	s MANUAL, INSTRUCTION (CHINESE)

ELECTRICAL PARTS

RESISTOR, CHIP METAL

Part No.	SP Description
1-218-648-11 s RES, CHIP METAL 15	0.50% 1/16W
1-218-650-11 s RES, CHIP METAL 18	0.50% 1/16W
1-218-651-11 s RES, CHIP METAL 20	0.50% 1/16W
1-218-653-11 s RES, CHIP METAL 24	0.50% 1/16W
1-218-655-11 s RES, CHIP METAL 30	0.50% 1/16W
1-218-659-11 s RES, CHIP METAL 43	0.50% 1/16W
1-218-660-11 s RES, CHIP METAL 47	0.50% 1/16W
1-218-661-11 s RES, CHIP METAL 51	0.50% 1/16W
1-218-663-11 s RES, CHIP METAL 62	0.50% 1/16W
1-218-664-11 s RES, CHIP METAL 68	0.50% 1/16W
1-218-668-11 s RES, CHIP METAL 100	0.50% 1/16W
1-218-670-11 s RES, CHIP METAL 120	0.50% 1/16W
1-218-671-11 s RES, CHIP METAL 130	0.50% 1/16W
1-218-672-11 s RES, CHIP METAL 150	0.50% 1/16W
1-218-675-11 s RES, CHIP METAL 200	0.50% 1/16W
1-218-676-11 s RES, CHIP METAL 220	0.50% 1/16W
1-218-677-11 s RES, CHIP METAL 240	0.50% 1/16W
1-218-679-11 s RES, CHIP METAL 300	0.50% 1/16W
1-218-680-11 s RES, CHIP METAL 330	0.50% 1/16W
1-218-684-11 s RES, CHIP METAL 470	0.50% 1/16W
1-218-688-11 s RES, CHIP METAL 680	0.50% 1/16W
1-218-692-11 s RES, CHIP METAL 1K	0.50% 1/16W
1-218-694-11 s RES, CHIP METAL 1.2K	0.50% 1/16W
1-218-695-11 s RES, CHIP METAL 1.3K	0.50% 1/16W
1-218-697-11 s RES, CHIP METAL 1.6K	0.50% 1/16W
1-218-698-11 s RES, CHIP METAL 1.8K	0.50% 1/16W
1-218-699-11 s RES, CHIP METAL 2K	0.50% 1/16W
1-218-700-11 s RES, CHIP METAL 2.2K	0.50% 1/16W
1-218-701-11 s RES, CHIP METAL 2.4K	0.50% 1/16W
1-218-702-11 s RES, CHIP METAL 2.7K	0.50% 1/16W
1-218-704-11 s RES, CHIP METAL 3.3K	0.50% 1/16W
1-218-705-11 s RES, CHIP METAL 3.6K	0.50% 1/16W
1-218-706-11 s RES, CHIP METAL 3.9K	0.50% 1/16W
1-218-707-11 s RES, CHIP METAL 4.3K	0.50% 1/16W
1-218-708-11 s RES, CHIP METAL 4.7K	0.50% 1/16W
1-218-710-11 s RES, CHIP METAL 5.6K	0.50% 1/16W
1-218-714-11 s RES, CHIP METAL 8.2K	0.50% 1/16W
1-218-716-11 s RES, CHIP METAL 10K	0.50% 1/16W
1-218-717-11 s RES, CHIP METAL 11K	0.50% 1/16W
1-218-720-11 s RES, CHIP METAL 15K	0.50% 1/16W
1-218-721-11 s RES, CHIP METAL 16K	0.50% 1/16W
1-218-722-11 s RES, CHIP METAL 18K	0.50% 1/16W
1-218-723-11 s RES, CHIP METAL 20K	0.50% 1/16W
1-218-724-11 s RES, CHIP METAL 22K	0.50% 1/16W
1-218-725-11 s RES, CHIP METAL 24K	0.50% 1/16W
1-218-727-11 s RES, CHIP METAL 30K	0.50% 1/16W
1-218-729-11 s RES, CHIP METAL 36K	0.50% 1/16W
1-218-730-11 s RES, CHIP METAL 39K	0.50% 1/16W
1-218-732-11 s RES, CHIP METAL 47K	0.50% 1/16W
1-218-733-11 s RES, CHIP METAL 51K	0.50% 1/16W

RESISTOR, CHIP METAL

Part No.	SP Description
1-218-734-11 s RES, CHIP METAL 56K	0.50% 1/16W
1-218-735-11 s RES, CHIP METAL 62K	0.50% 1/16W
1-218-736-11 s RES, CHIP METAL 68K	0.50% 1/16W
1-218-738-11 s RES, CHIP METAL 82K	0.50% 1/16W
1-218-739-11 s RES, CHIP METAL 91K	0.50% 1/16W
1-218-740-11 s RES, CHIP METAL 100K	0.50% 1/16W
1-218-741-11 s RES, CHIP METAL 110K	0.50% 1/16W
1-218-743-11 s RES, CHIP METAL 130K	0.50% 1/16W
1-218-744-11 s RES, CHIP METAL 150K	0.50% 1/16W
1-218-745-11 s RES, CHIP METAL 160K	0.50% 1/16W
1-218-746-11 s RES, CHIP METAL 180K	0.50% 1/16W
1-218-747-11 s RES, CHIP METAL 200K	0.50% 1/16W
1-218-748-11 s RES, CHIP METAL 220K	0.50% 1/16W
1-218-749-11 s RES, CHIP METAL 240K	0.50% 1/16W
1-218-750-11 s RES, CHIP METAL 270K	0.50% 1/16W
1-218-751-11 s RES, CHIP METAL 300K	0.50% 1/16W
1-218-752-11 s RES, CHIP METAL 330K	0.50% 1/16W

AA-81 BOARD

(AA-81 BOARD)

Ref. No. or Q'ty	Part No.	SP Description	Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8310-959-A	o MOUNTED CIRCUIT BOARD, AA-81	R12	1-208-806-11	s METAL 10K 0.50% 1/10W
C1	1-104-913-11	s TANTALUM 10uF 20% 16V	R13	1-208-806-11	s METAL 10K 0.50% 1/10W
C2	1-104-913-11	s TANTALUM 10uF 20% 16V	R14	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W
C3	1-104-551-11	s FILM 0.01uF 5% 16V	R15	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
C4	1-104-551-11	s FILM 0.01uF 5% 16V	R16	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
C5	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V	R17	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
C6	1-126-393-11	s ELECT 33uF 20% 10V	R18	1-208-806-11	s METAL 10K 0.50% 1/10W
C7	1-126-393-11	s ELECT 33uF 20% 10V	R19	1-208-806-11	s METAL 10K 0.50% 1/10W
C8	1-126-338-11	s ELECT 47uF 20% 63V	R20	1-216-025-91	s METAL 100 5% 1/10W
C9	1-137-401-11	s FILM 0.22uF 5% 100V	R21	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
C10	1-137-401-11	s FILM 0.22uF 5% 100V	R22	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
C11	1-104-563-11	s FILM, CHIP 0.1uF 5% 16V	R23	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
C12	1-104-563-11	s FILM, CHIP 0.1uF 5% 16V	R24	1-216-025-91	s METAL 100 5% 1/10W
C13	1-104-563-11	s FILM, CHIP 0.1uF 5% 16V	R25	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
C14	1-104-563-11	s FILM, CHIP 0.1uF 5% 16V	R26	1-216-665-11	s METAL, CHIP 3.9K 0.5% 1/10W
C15	1-163-038-91	s CERAMIC 0.1uF 25V	R27	1-216-676-11	s METAL, CHIP 11K 0.5% 1/10W
C16	1-161-900-11	s CERAMIC 1uF 50V	R28	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
CN1	1-506-469-11	s CONNECTOR, 4P, MALE	R29	1-216-025-91	s METAL 100 5% 1/10W
CN2	1-564-014-11	s CONNECTOR 4P, MALE	R30	1-216-025-91	s METAL 100 5% 1/10W
CN3	1-506-473-11	o CONNECTOR, 8P, MALE	R31	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
CN4	1-564-002-11	s PIN, CONNECTOR 3P	R32	1-216-057-00	s METAL, CHIP 2.2K 5% 1/10W
CN5	1-568-801-11	s CONNECTOR, FPC (ZIF) 24P	R33	1-208-806-11	s METAL 10K 0.50% 1/10W
CN6	1-506-468-11	s CONNECTOR, 3P, MALE	R34	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
D1	8-719-800-76	s DIODE 1SS226	R35	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
D2	8-719-800-76	s DIODE 1SS226	R36	1-216-041-00	s METAL, CHIP 470 5% 1/10W
FB1	1-543-775-11	s FILTER, EMI	R38	1-216-295-00	s METAL 0.5% 1/10W
FB2	1-543-775-11	s FILTER, EMI	R39	1-216-115-00	s METAL, CHIP 560K 5% 1/10W
FB3	1-543-775-11	s FILTER, EMI	R40	1-216-049-91	s METAL 1K 5% 1/10W
FB4	1-543-775-11	s FILTER, EMI	RV1	1-237-035-11	s RES, ADJ, METAL 5K
IC1	8-759-209-57	s IC TC4S69F	T1	1-427-487-00	s TRANSFORMER, OUTPUT
IC2	8-759-076-06	s IC TL064CPW			
IC3	8-759-700-09	s IC NJM2043M-D			
IC4	8-759-082-61	s IC TC4W53FU			
IC5	8-759-082-61	s IC TC4W53PU			
IC6	8-759-082-61	s IC TC4W53FU			
IC7	8-759-082-61	s IC TC4W53FU			
L1	1-410-369-11	s INDUCTOR CHIP 1uH			
Q1	8-729-120-28	s TRANSISTOR 2SC1623-L5L6			
Q2	8-729-120-28	s TRANSISTOR 2SC1623-L5L6			
Q3	8-729-120-28	s TRANSISTOR 2SC1623-L5L6			
Q4	8-729-120-28	s TRANSISTOR 2SC1623-L5L6			
Q5	8-729-120-28	s TRANSISTOR 2SC1623-L5L6			
Q6	8-729-905-24	s TRANSISTOR 2SA1576S			
Q7	8-729-905-24	s TRANSISTOR 2SA1576S			
R2	1-216-017-00	s METAL, CHIP 47 5% 1/10W			
R3	1-216-017-00	s METAL, CHIP 47 5% 1/10W			
R4	1-216-089-00	s METAL, CHIP 47K 5% 1/10W			
R5	1-208-806-11	s METAL 10K 0.50% 1/10W			
R6	1-216-089-00	s METAL, CHIP 47K 5% 1/10W			
R7	1-216-051-00	s METAL, CHIP 1.2K 5% 1/10W			
R8	1-216-105-91	s METAL 220K 5% 1/10W			
R9	1-208-806-11	s METAL 10K 0.50% 1/10W			
R10	1-216-611-11	s METAL, CHIP 22 0.5% 1/10W			
R11	1-208-806-11	s METAL 10K 0.50% 1/10W			

Please see page D-13 for the part numbers of resistor that is not the parts list.

AT-93 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8310-952-A	o MOUNTED CIRCUIT BOARD, AT-93
2pcs	7-627-554-27	s SCREW, PRECITION +P 2X6 TYPE1
BT1	1-550-414-31	s HOLDER, BATTERY
C1	1-104-913-11	s TANTALUM 10uF 20% 16V
C2	1-164-156-11	s CERAMIC 0.1uF 25V
C3	1-135-177-21	s TANTALUM, CHIP 1uF 10% 25V
C4	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C5	1-104-913-11	s TANTALUM 10uF 20% 16V
C6	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C7	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C8	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C9	1-162-964-11	s CERAMIC 0.001uF 10% 50V
C10	1-162-964-11	s CERAMIC 0.001uF 10% 50V
C11	1-164-156-11	s CERAMIC 0.1uF 25V
C12	1-164-156-11	s CERAMIC 0.1uF 25V
C13	1-164-156-11	s CERAMIC 0.1uF 25V
C14	1-162-964-11	s CERAMIC 0.001uF 10% 50V
C15	1-162-964-11	s CERAMIC 0.001uF 10% 50V
C16	1-162-964-11	s CERAMIC 0.001uF 10% 50V
C17	1-162-964-11	s CERAMIC 0.001uF 10% 50V
C18	1-104-913-11	s TANTALUM 10uF 20% 16V
C19	1-104-913-11	s TANTALUM 10uF 20% 16V
C20	1-104-917-11	s TANTALUM 15uF 20% 20V
C21	1-135-210-11	s TANTALUM 4.7uF 10% 10V
C24	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C25	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C26	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C27	1-135-165-11	s TANTALUM, CHIP 33uF 10% 16V
C28	1-135-165-11	s TANTALUM, CHIP 33uF 10% 16V
C29	1-135-165-11	s TANTALUM, CHIP 33uF 10% 16V
C30	1-164-156-11	s CERAMIC 0.1uF 25V
C31	1-104-551-11	s FILM 0.01uF 5% 16V
C32	1-104-913-11	s TANTALUM 10uF 20% 16V
C33	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C34	1-135-177-21	s TANTALUM, CHIP 1uF 10% 25V
C35	1-135-177-21	s TANTALUM, CHIP 1uF 10% 25V
C36	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C37	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C38	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C39	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C41	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C42	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C43	1-164-315-11	s CERAMIC 470PF 5% 50V
C44	1-135-177-21	s TANTALUM, CHIP 1uF 10% 25V
C45	1-104-913-11	s TANTALUM 10uF 20% 16V
C46	1-104-913-11	s TANTALUM 10uF 20% 16V
C47	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C48	1-104-913-11	s TANTALUM 10uF 20% 16V
C49	1-104-913-11	s TANTALUM 10uF 20% 16V
C50	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C51	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C52	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C53	1-126-392-11	s ELECT, CHIP 100uF 20% 6.3V
C54	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C55	1-162-957-11	s CERAMIC 220PF 5% 50V
C58	1-162-964-11	s CERAMIC 0.001uF 10% 50V
C60	1-104-913-11	s TANTALUM 10uF 20% 16V
C61	1-162-920-11	s CERAMIC, CHIP 27PF 5% 50V

(AT-93 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C62	1-162-920-11	s CERAMIC, CHIP 27PF 5% 50V
CN1	1-691-856-11	s CONNECTOR, BOARD TO BOARD 60P
CN2	1-766-790-11	o CONNECTOR 12P
CN3	1-766-790-11	o CONNECTOR 12P
CV1	1-141-424-11	s CAP, ADJ
D1	8-719-404-35	s DIODE MA141WK
D2	8-719-974-76	s DIODE HSM107S
D3	8-719-974-76	s DIODE HSM107S
D4	8-719-404-35	s DIODE MA141WK
D5	8-719-800-76	s DIODE 1SS226
D6	8-719-800-76	s DIODE 1SS226
D7	8-719-974-76	s DIODE HSM107S
D8	8-719-974-76	s DIODE HSM107S
D9	8-719-974-76	s DIODE HSM107S
D10	8-719-800-76	s DIODE 1SS226
D11	8-719-974-76	s DIODE HSM107S
D12	8-719-974-76	s DIODE HSM107S
D13	8-719-404-35	s DIODE MA141WK
D14	8-719-404-35	s DIODE MA141WK
IC1	8-759-234-20	s IC TC7S08F
IC2	8-759-234-20	s IC TC7S08F
IC3	8-759-065-20	s IC RTC-4553B
IC5	8-759-940-45	s IC S-8054HN-CB
IC6	8-759-086-42	s IC X24C02S-3.0-C7000
IC7	8-759-347-93	s IC HD6475368SF-DXC6372
IC8	8-759-078-75	s IC UPD6453GT-610
IC9	8-759-278-11	s IC TC4051BFS (EL)
IC11	8-759-066-61	s IC TC4053BFS
IC12	8-759-089-61	s IC TC74HC4052AFS (EL)
IC14	8-759-066-61	s IC TC4053BFS
IC15	8-759-173-16	s IC TL062CPW
IC16	8-759-076-06	s IC TL064CPW
IC17	8-759-035-90	s IC SC7S02FEL
IC18	8-759-234-20	s IC TC7S08F
IC19	8-759-242-64	s IC TC4W53F
IC20	8-759-700-07	s IC NJM2903M
IC21	8-759-209-90	s IC TC4S71F
L1	1-410-387-11	s INDUCTOR CHIP 33uH
L2	1-410-387-11	s INDUCTOR CHIP 33uH
L3	1-410-387-11	s INDUCTOR CHIP 33uH
L5	1-410-387-11	s INDUCTOR CHIP 33uH
L6	1-410-385-11	s INDUCTOR, CHIP 22uH
Q1	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q2	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q3	8-729-402-19	s TRANSISTOR XN6501
Q4	8-729-402-19	s TRANSISTOR XN6501
Q5	8-729-402-19	s TRANSISTOR XN6501
Q6	8-729-402-19	s TRANSISTOR XN6501
Q7	8-729-905-24	s TRANSISTOR 2SA1576S
Q8	8-729-905-24	s TRANSISTOR 2SA1576S
Q9	8-729-905-24	s TRANSISTOR 2SA1576S
Q10	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q11	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q12	8-729-402-19	s TRANSISTOR XN6501
Q13	8-729-402-19	s TRANSISTOR XN6501
Q14	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q15	8-729-402-84	s TRANSISTOR XN4601

(AT-93 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q16	8-729-402-84 s	TRANSISTOR XN4601
Q17	8-729-109-44 s	TRANSISTOR 2SK94
Q18	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q19	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q20	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q21	8-729-905-24 s	TRANSISTOR 2SA1576S
Q22	8-729-402-19 s	TRANSISTOR XN6501
Q23	8-729-403-32 s	TRANSISTOR XN6534
Q24	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q25	8-729-905-24 s	TRANSISTOR 2SA1576S
Q26	8-729-402-84 s	TRANSISTOR XN4601
Q27	8-729-905-24 s	TRANSISTOR 2SA1576S
R1	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W
R2	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W
R3	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R4	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R5	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W
R6	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R7	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R8	1-216-835-11 s	METAL, CHIP 15K 5% 1/16W
R11	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R12	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R13	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R15	1-216-839-11 s	METAL, CHIP 33K 5% 1/16W
R16	1-216-839-11 s	METAL, CHIP 33K 5% 1/16W
R17	1-216-839-11 s	METAL, CHIP 33K 5% 1/16W
R18	1-216-839-11 s	METAL, CHIP 33K 5% 1/16W
R19	1-216-839-11 s	METAL, CHIP 33K 5% 1/16W
R23	1-216-839-11 s	METAL, CHIP 33K 5% 1/16W
R24	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R25	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R26	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W
R27	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R28	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R29	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R30	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R31	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R32	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R33	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R34	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R35	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R36	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R37	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R38	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R39	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R40	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R41	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R42	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R43	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R44	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R45	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R46	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R47	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R48	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R62	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R63	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W
R64	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R68	1-216-830-11 s	METAL, CHIP 5.6K 5% 1/16W

(AT-93 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R69	1-216-830-11 s	METAL, CHIP 5.6K 5% 1/16W
R70	1-216-830-11 s	METAL, CHIP 5.6K 5% 1/16W
R71	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R72	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R73	1-216-830-11 s	METAL, CHIP 5.6K 5% 1/16W
R74	1-216-827-11 s	METAL, CHIP 3.3K 5% 1/16W
R75	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R76	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R77	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R79	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R80	1-216-824-11 s	METAL, CHIP 1.8K 5% 1/16W
R81	1-216-822-11 s	METAL, CHIP 1.2K 5% 1/16W
R82	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R83	1-216-827-11 s	METAL, CHIP 3.3K 5% 1/16W
R84	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R85	1-216-819-11 s	METAL, CHIP 680 5% 1/16W
R86	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R87	1-216-817-11 s	METAL, CHIP 470 5% 1/16W
R88	1-216-827-11 s	METAL, CHIP 3.3K 5% 1/16W
R89	1-216-827-11 s	METAL, CHIP 3.3K 5% 1/16W
R90	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R92	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R93	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R94	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R95	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R96	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R97	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R98	1-216-814-11 s	METAL, CHIP 270 5% 1/16W
R99	1-216-814-11 s	METAL, CHIP 270 5% 1/16W
R100	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R101	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R102	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R103	1-216-832-11 s	METAL, CHIP 8.2K 5% 1/16W
R104	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R105	1-216-827-11 s	METAL, CHIP 3.3K 5% 1/16W
R106	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W
R107	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R108	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R109	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R110	1-216-828-11 s	METAL, CHIP 3.9K 5% 1/16W
R111	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R112	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R114	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R118	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R119	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R120	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R121	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R122	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R123	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R124	1-218-874-11 s	METAL 13K 0.50% 1/16W
R125	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R126	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R127	1-218-889-11 s	METAL 56K 0.50% 1/16W
R129	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R130	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R131	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R132	1-216-823-11 s	METAL, CHIP 1.5K 5% 1/16W
R133	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W
R134	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W

Please see page D-13 for the part numbers of resistor that is not the parts list.

(AT-93 BOARD)

Ref. No.
or Q'ty Part No. SP Description

R135 1-216-830-11 s METAL, CHIP 5.6K 5% 1/16W
R136 1-216-824-11 s METAL, CHIP 1.8K 5% 1/16W
R137 1-216-853-11 s METAL, CHIP 470K 5% 1/16W
R138 1-216-821-11 s METAL, CHIP 1K 5% 1/16W
R139 1-216-833-11 s METAL, CHIP 10K 5% 1/16W

R140 1-216-836-11 s METAL, CHIP 18K 5% 1/16W
R141 1-216-833-11 s METAL, CHIP 10K 5% 1/16W
R142 1-216-832-11 s METAL, CHIP 8.2K 5% 1/16W
R143 1-216-821-11 s METAL, CHIP 1K 5% 1/16W
R144 1-216-833-11 s METAL, CHIP 10K 5% 1/16W

R145 1-216-837-11 s METAL, CHIP 22K 5% 1/16W
R146 1-216-833-11 s METAL, CHIP 10K 5% 1/16W
R147 1-216-833-11 s METAL, CHIP 10K 5% 1/16W
R148 1-216-821-11 s METAL, CHIP 1K 5% 1/16W
R150 1-216-825-11 s METAL, CHIP 2.2K 5% 1/16W

R151 1-216-825-11 s METAL, CHIP 2.2K 5% 1/16W
R152 1-216-825-11 s METAL, CHIP 2.2K 5% 1/16W
R154 1-216-817-11 s METAL, CHIP 470 5% 1/16W
R155 1-216-817-11 s METAL, CHIP 470 5% 1/16W
R156 1-216-817-11 s METAL, CHIP 470 5% 1/16W

R157 1-216-825-11 s METAL, CHIP 2.2K 5% 1/16W
R158 1-216-845-11 s METAL, CHIP 100K 5% 1/16W
R159 1-216-845-11 s METAL, CHIP 100K 5% 1/16W
R160 1-216-845-11 s METAL, CHIP 100K 5% 1/16W
R161 1-216-845-11 s METAL, CHIP 100K 5% 1/16W

R162 1-215-445-11 s METAL 10K 1% 1/4W

X1 1-760-273-11 s CRYSTAL 20MHz

CN-1107 BOARD

Ref. No.
or Q'ty Part No. SP Description

1pc A-8310-964-A o MOUNTED CIRCUIT BOARD, CN-1107
1pc 1-564-831-11 o CONTACT, FEMALE
1pc 1-569-191-11 o CONTACT, AWG22-26
1pc 1-569-193-11 o CONTACT, AWG24-30
1pc 1-569-201-11 o HOUSING, 8P

C2 1-161-051-00 s CERAMIC 0.01uF 10% 50V
C3 1-161-051-00 s CERAMIC 0.01uF 10% 50V
C4 1-161-051-00 s CERAMIC 0.01uF 10% 50V
C5 1-161-051-00 s CERAMIC 0.01uF 10% 50V

CN1 1-561-320-41 s SOCKET, DIN 8P "VF"

FL1 1-236-164-11 s ENCAPSULATED COMPONENT

CN-1173 BOARD

Ref. No.
or Q'ty Part No. SP Description

1pc A-8310-963-A o MOUNTED CIRCUIT BOARD, CN-1173
CN1 1-691-549-21 o CONNECTOR, 48P

CN-1106 BOARD

Ref. No.
or Q'ty Part No. SP Description

1pc A-8310-949-A o MOUNTED CIRCUIT BOARD, CN-1106
C1 1-161-051-00 s CERAMIC 0.01uF 10% 50V
C2 1-161-051-00 s CERAMIC 0.01uF 10% 50V
CN1 1-573-594-11 s CONNECTOR, XLR 3P "MIC"

EN-122(N)/122(P) BOARD

(EN-122(N)/122(P) BOARD)

Ref. No. or Q'ty	Part No.	SP Description	Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8310-956-A o	OUNTED CIRCUIT BOARD, EN-122 (N) [for DXC-637;J, DXC-637;UC]	C73	1-126-393-11 s	ELECT 33uF 20% 10V
1pc	A-8310-976-A o	OUNTED CIRCUIT BOARD, EN-122 (P) [for DXC-637P;EK]	C74	1-126-391-11 s	ELECT, CHIP 47uF 20% 6.3V
2pcs	7-627-554-27 s	SCREW, PRECITION +P 2X6 TYPE1	C75	1-162-974-11 s	CERAMIC 0.01uF 50V
1pc	3-699-005-01 o	SUPPORT, TG-18	C76	1-162-974-11 s	CERAMIC 0.01uF 50V
1pc	7-621-772-18 s	SCREW +B 2X4	C77	1-162-911-11 s	CERAMIC, CHIP 6PF 50V [for DXC-637;J, DXC-637;UC]
C1	1-162-974-11 s	CERAMIC 0.01uF 50V	C77	1-162-917-11 s	CERAMIC, CHIP 15PF 5% 50V [for DXC-637P;EK]
C2	1-162-974-11 s	CERAMIC 0.01uF 50V	C78	1-162-921-11 s	CERAMIC, CHIP 33PF 5% 50V [for DXC-637;J, DXC-637;UC]
C3	1-162-974-11 s	CERAMIC 0.01uF 50V	C78	1-162-925-11 s	CERAMIC, CHIP 68PF 5% 50V [for DXC-637P;EK]
C4	1-164-156-11 s	CERAMIC 0.1uF 25V	C79	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V
C5	1-164-156-11 s	CERAMIC 0.1uF 25V	C80	1-104-913-11 s	TANTALUM 10uF 20% 16V
C6	1-126-396-11 s	ELECT, CHIP 47uF 20% 16V	C82	1-162-974-11 s	CERAMIC 0.01uF 50V
C7	1-126-393-11 s	ELECT 33uF 20% 10V	C83	1-164-156-11 s	CERAMIC 0.1uF 25V
C8	1-126-393-11 s	ELECT 33uF 20% 10V	C84	1-126-395-11 s	ELECT, CHIP 22uF 20% 16V
C12	1-126-394-11 s	ELECT, CHIP 10uF 20% 16V	C85	1-162-974-11 s	CERAMIC 0.01uF 50V
C13	1-126-394-11 s	ELECT, CHIP 10uF 20% 16V	C86	1-126-395-11 s	ELECT, CHIP 22uF 20% 16V
C16	1-162-974-11 s	CERAMIC 0.01uF 50V	C87	1-126-393-11 s	ELECT 33uF 20% 10V
C17	1-162-974-11 s	CERAMIC 0.01uF 50V	C88	1-164-156-11 s	CERAMIC 0.1uF 25V
C22	1-162-974-11 s	CERAMIC 0.01uF 50V	C89	1-164-156-11 s	CERAMIC 0.1uF 25V
C23	1-162-974-11 s	CERAMIC 0.01uF 50V	C90	1-162-974-11 s	CERAMIC 0.01uF 50V
C26	1-162-974-11 s	CERAMIC 0.01uF 50V	C91	1-162-974-11 s	CERAMIC 0.01uF 50V
C27	1-162-974-11 s	CERAMIC 0.01uF 50V	C92	1-162-974-11 s	CERAMIC 0.01uF 50V
C30	1-126-393-11 s	ELECT 33uF 20% 10V	C93	1-162-921-11 s	CERAMIC, CHIP 33PF 5% 50V
C31	1-126-393-11 s	ELECT 33uF 20% 10V	C95	1-104-913-11 s	TANTALUM 10uF 20% 16V
C32	1-126-396-11 s	ELECT, CHIP 47uF 20% 16V	C97	1-164-156-11 s	CERAMIC 0.1uF 25V
C33	1-162-974-11 s	CERAMIC 0.01uF 50V	C98	1-162-995-11 s	CERAMIC, CHIP 0.022uF 50V
C34	1-126-399-11 s	ELECT, CHIP 10uF 20% 35V	C99	1-104-913-11 s	TANTALUM 10uF 20% 16V [for DXC-637;J, DXC-637;UC]
C35	1-162-915-11 s	CERAMIC, CHIP 10PF 5PF 50V	C99	1-131-353-00 s	TANTALUM 10uF 10% 35V [for DXC-637P;EK]
C36	1-164-156-11 s	CERAMIC 0.1uF 25V	C100	1-162-964-11 s	CERAMIC 0.001uF 10% 50V
C37	1-162-974-11 s	CERAMIC 0.01uF 50V	C101	1-104-913-11 s	TANTALUM 10uF 20% 16V
C38	1-162-915-11 s	CERAMIC, CHIP 10PF 5PF 50V	C102	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V
C39	1-164-156-11 s	CERAMIC 0.1uF 25V	C103	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V
C40	1-162-974-11 s	CERAMIC 0.01uF 50V	C104	1-162-915-11 s	CERAMIC, CHIP 10PF 5PF 50V
C41	1-162-915-11 s	CERAMIC, CHIP 10PF 5PF 50V	C105	1-162-915-11 s	CERAMIC, CHIP 10PF 5PF 50V
C42	1-164-156-11 s	CERAMIC 0.1uF 25V	C106	1-162-915-11 s	CERAMIC, CHIP 10PF 5PF 50V
C44	1-126-393-11 s	ELECT 33uF 20% 10V	C107	1-126-395-11 s	ELECT, CHIP 22uF 20% 16V
C45	1-126-393-11 s	ELECT 33uF 20% 10V	C108	1-135-212-21 s	TANTALUM, CHIP 2.2uF 10% 35V
C46	1-162-974-11 s	CERAMIC 0.01uF 50V	C109	1-162-927-11 s	CERAMIC, CHIP 100PF 5% 50V
C47	1-162-974-11 s	CERAMIC 0.01uF 50V	C110	1-135-213-21 s	TANTALUM, CHIP 3.3uF 20% 25V
C49	1-164-156-11 s	CERAMIC 0.1uF 25V	C111	1-164-156-11 s	CERAMIC 0.1uF 25V
C50	1-165-176-11 s	CERAMIC 0.047uF 10% 16V	C112	1-164-156-11 s	CERAMIC 0.1uF 25V
C53	1-164-156-11 s	CERAMIC 0.1uF 25V	C113	1-162-919-11 s	CERAMIC, CHIP 22PF 5% 50V [for DXC-637;J, DXC-637;UC]
C54	1-162-919-11 s	CERAMIC, CHIP 22PF 5% 50V	CN1	1-691-856-11 s	CONNECTOR, BOARD TO BOARD 60P
C55	1-162-974-11 s	CERAMIC 0.01uF 50V	CN2	1-770-582-11 o	CONNECTOR 30P
C58	1-126-395-11 s	ELECT, CHIP 22uF 20% 16V	D1	8-719-029-63 s	DIODE RD4.3UH-T1
C59	1-126-393-11 s	ELECT 33uF 20% 10V	D2	8-719-027-95 s	DIODE HSM88WK
C60	1-162-974-11 s	CERAMIC 0.01uF 50V	D3	8-719-027-95 s	DIODE HSM88WK
C61	1-162-974-11 s	CERAMIC 0.01uF 50V	D4	8-719-027-95 s	DIODE HSM88WK
C63	1-104-852-11 s	TANTALUM 22uF 20% 10V	D5	8-719-800-76 s	DIODE 1SS226
C64	1-164-156-11 s	CERAMIC 0.1uF 25V	D6	8-719-404-35 s	DIODE MA141WK
C65	1-164-156-11 s	CERAMIC 0.1uF 25V	DL1	1-411-271-21 s	DELAY LINE 155nS
C66	1-164-156-11 s	CERAMIC 0.1uF 25V	DL2	1-411-272-21 s	DELAY LINE 185nS
C67	1-126-394-11 s	ELECT, CHIP 10uF 20% 16V			
C68	1-164-156-11 s	CERAMIC 0.1uF 25V			
C69	1-126-395-11 s	ELECT, CHIP 22uF 20% 16V			
C70	1-126-393-11 s	ELECT 33uF 20% 10V			
C71	1-126-393-11 s	ELECT 33uF 20% 10V			
C72	1-126-393-11 s	ELECT 33uF 20% 10V			

Please see page D-13 for the part numbers of resistor that is not the parts list.

(EN-122(N)/122(P) BOARD)

Ref. No. or Q'ty	Part No.	SP Description
IC1	8-759-173-16 s	IC TL062CPW
IC3	8-759-258-43 s	IC LT1253CS8-E2
IC4	8-759-258-43 s	IC LT1253CS8-E2
IC5	8-759-258-43 s	IC LT1253CS8-E2
IC7	8-759-258-43 s	IC LT1253CS8-E2
IC8	8-759-173-16 s	IC TL062CPW
IC9	8-759-082-61 s	IC TC4W53FU
IC10	8-759-076-06 s	IC TL064CPW
IC11	8-759-082-61 s	IC TC4W53FU
IC12	8-759-079-52 s	IC TC74VHC08FS(EL)
IC14	8-759-066-61 s	IC TC4053BFS
IC15	8-759-234-20 s	IC TC7S08F
IC16	8-759-082-61 s	IC TC4W53FU
IC17	8-759-288-20 s	IC CXD8924Q
IC18	8-759-079-60 s	IC TC74VHC32FS(EL)
IC19	8-759-635-27 s	IC M62352GP
IC20	8-759-710-24 s	IC NJM319M
IC21	8-759-035-90 s	IC SC7S02FEL
IC22	8-759-031-84 s	IC SC7S04F
IC23	8-759-082-61 s	IC TC4W53FU
IC25	8-759-031-84 s	IC SC7S04F
IC26	8-759-079-55 s	IC TC74VHC11FS(EL) [for DXC-637P;EK]
IC27	8-759-173-16 s	IC TL062CPW
IC28	8-759-973-99 s	IC CXD1361M [for DXC-637P;EK]
IC29	8-759-071-41 s	IC CXD8154BM
IC30	8-759-066-61 s	IC TC4053BFS
IC31	8-759-082-61 s	IC TC4W53FU
IC32	8-759-082-61 s	IC TC4W53FU
IC33	8-759-209-57 s	IC TC4S69F
IC34	8-759-186-51 s	IC TC74VHC157F
IC35	8-759-035-93 s	IC TC7S32F
IC36	8-759-234-20 s	IC TC7S08F
IC37	8-759-234-20 s	IC TC7S08F
L1	1-410-392-11 s	INDUCTOR, CHIP 82uH [for DXC-637;J, DXC-637;UC]
L1	1-410-656-11 s	INDUCTOR CHIP 150uH [for DXC-637P;EK]
L2	1-410-387-11 s	INDUCTOR CHIP 33uH
L3	1-410-385-11 s	INDUCTOR, CHIP 22uH
L4	1-410-385-11 s	INDUCTOR, CHIP 22uH
Q1	8-729-101-07 s	TRANSISTOR 2SB798
Q2	8-729-101-07 s	TRANSISTOR 2SB798
Q3	8-729-402-84 s	TRANSISTOR XN4601
Q4	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q5	8-729-905-24 s	TRANSISTOR 2SA1576S
Q6	8-729-402-78 s	TRANSISTOR XN6401
Q7	8-729-402-78 s	TRANSISTOR XN6401
Q8	8-729-403-32 s	TRANSISTOR XN6534
Q9	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q10	8-729-905-24 s	TRANSISTOR 2SA1576S
Q11	8-729-402-78 s	TRANSISTOR XN6401
Q12	8-729-402-78 s	TRANSISTOR XN6401
Q13	8-729-403-32 s	TRANSISTOR XN6534
Q14	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q15	8-729-905-24 s	TRANSISTOR 2SA1576S
Q16	8-729-402-78 s	TRANSISTOR XN6401
Q17	8-729-402-78 s	TRANSISTOR XN6401

(EN-122(N)/122(P) BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q18	8-729-403-32 s	TRANSISTOR XN6534
Q19	8-729-402-78 s	TRANSISTOR XN6401
Q20	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q21	8-729-402-19 s	TRANSISTOR XN6501
Q22	8-729-402-19 s	TRANSISTOR XN6501
Q23	8-729-402-78 s	TRANSISTOR XN6401
Q24	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q25	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q26	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q27	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q28	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q29	8-729-402-84 s	TRANSISTOR XN4601
Q30	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q31	8-729-402-84 s	TRANSISTOR XN4601
Q32	8-729-402-84 s	TRANSISTOR XN4601
Q33	8-729-402-84 s	TRANSISTOR XN4601
Q35	8-729-905-24 s	TRANSISTOR 2SA1576S
Q36	8-729-905-24 s	TRANSISTOR 2SA1576S
Q37	8-729-905-24 s	TRANSISTOR 2SA1576S
Q38	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q39	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q40	8-729-402-19 s	TRANSISTOR XN6501
Q41	8-729-905-24 s	TRANSISTOR 2SA1576S
Q42	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q43	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q44	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q45	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q46	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q47	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q48	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q49	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
R1	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
R9	1-216-864-11 s	METAL, CHIP 0 % 1/16W
R11	1-218-846-11 s	METAL 910 0.50% 1/16W
R15	1-211-990-11 s	METAL 75 0.50% 1/16W
R20	1-211-990-11 s	METAL 75 0.50% 1/16W
R23	1-218-844-11 s	METAL 750 0.50% 1/16W
R24	1-218-844-11 s	METAL 750 0.50% 1/16W
R29	1-218-844-11 s	METAL 750 0.50% 1/16W
R30	1-218-844-11 s	METAL 750 0.50% 1/16W
R36	1-218-844-11 s	METAL 750 0.50% 1/16W
R38	1-211-990-11 s	METAL 75 0.50% 1/16W
R44	1-211-990-11 s	METAL 75 0.50% 1/16W
R45	1-211-990-11 s	METAL 75 0.50% 1/16W
R46	1-211-990-11 s	METAL 75 0.50% 1/16W
R56	1-216-864-11 s	METAL, CHIP 0 % 1/16W
R66	1-216-864-11 s	METAL, CHIP 0 % 1/16W
R77	1-216-864-11 s	METAL, CHIP 0 % 1/16W
R81	1-218-886-11 s	METAL 43K 0.50% 1/16W
R82	1-218-886-11 s	METAL 43K 0.50% 1/16W
R85	1-218-846-11 s	METAL 910 0.50% 1/16W
R100	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R104	1-216-864-11 s	METAL, CHIP 0 % 1/16W
R105	1-216-864-11 s	METAL, CHIP 0 % 1/16W
R115	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R141	1-218-867-11 s	METAL 6.8K 0.50% 1/16W

Please see page D-13 for the part numbers of resistor that is not the parts list.

(EN-122(N)/122(P) BOARD)

Ref. No.
or Q'ty Part No. SP Description

R142 1-218-883-11 s METAL 33K 0.50% 1/16W
 R146 1-218-867-11 s METAL 6.8K 0.50% 1/16W
 R147 1-218-883-11 s METAL 33K 0.50% 1/16W
 R151 1-218-883-11 s METAL 33K 0.50% 1/16W
 R166 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 R169 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 R171 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R172 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 [for DXC-637P;EK]
 R175 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 [for DXC-637P;EK]
 R176 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R177 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R178 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 [for DXC-637P;EK]
 R179 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R182 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 R185 1-218-868-11 s METAL 7.5K 0.50% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R185 1-218-883-11 s METAL 33K 0.50% 1/16W
 [for DXC-637P;EK]
 R187 1-218-874-11 s METAL 13K 0.50% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R187 1-218-867-11 s METAL 6.8K 0.50% 1/16W
 [for DXC-637P;EK]
 R188 1-218-867-11 s METAL 6.8K 0.50% 1/16W
 [for DXC-637P;EK]
 R189 1-216-853-11 s METAL, CHIP 470K 5% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R191 1-218-868-11 s METAL 7.5K 0.50% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R191 1-218-883-11 s METAL 33K 0.50% 1/16W
 [for DXC-637P;EK]
 R193 1-218-874-11 s METAL 13K 0.50% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R193 1-218-867-11 s METAL 6.8K 0.50% 1/16W
 [for DXC-637P;EK]
 R194 1-218-867-11 s METAL 6.8K 0.50% 1/16W
 [for DXC-637P;EK]
 R195 1-216-853-11 s METAL, CHIP 470K 5% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R197 1-218-868-11 s METAL 7.5K 0.50% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R197 1-218-883-11 s METAL 33K 0.50% 1/16W
 [for DXC-637P;EK]
 R199 1-218-874-11 s METAL 13K 0.50% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R199 1-218-867-11 s METAL 6.8K 0.50% 1/16W
 [for DXC-637P;EK]
 R200 1-218-867-11 s METAL 6.8K 0.50% 1/16W
 [for DXC-637P;EK]
 R201 1-216-853-11 s METAL, CHIP 470K 5% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R206 1-218-870-11 s METAL 9.1K 0.50% 1/16W
 R234 1-218-841-11 s METAL 560 0.50% 1/16W
 R236 1-211-981-11 s METAL 33 0.50% 1/16W
 R238 1-218-844-11 s METAL 750 0.50% 1/16W
 R241 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 R242 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 [for DXC-637P;EK]

(EN-122(N)/122(P) BOARD)

Ref. No.
or Q'ty Part No. SP Description

R246 1-218-867-11 s METAL 6.8K 0.50% 1/16W
 R247 1-216-857-11 s METAL, CHIP 1M 5% 1/16W
 R248 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 R249 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 [for DXC-637P;EK]
 R250 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R251 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R253 1-216-857-11 s METAL, CHIP 1M 5% 1/16W
 R255 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 R256 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 [for DXC-637P;EK]
 R257 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R258 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 R259 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 R269 1-218-858-11 s METAL 3K 0.50% 1/16W
 R272 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 R275 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 R278 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 R279 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 [for DXC-637P;EK]
 R280 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R281 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 [for DXC-637P;EK]
 R282 1-216-864-11 s METAL, CHIP 0 5% 1/16W
 [for DXC-637;J, DXC-637;UC]
 R286 1-211-977-11 s METAL 22 0.50% 1/16W
 [for DXC-637P;EK]
 RV3 1-241-265-11 s RES, ADJ, METALT 20K
 [for DXC-637;J, DXC-637;UC]
 RV4 1-241-262-11 s RES, ADJ, METALT 2K
 RV5 1-241-260-11 s RES, ADJ, METALT 500
 RV6 1-241-260-11 s RES, ADJ, METALT 500
 RV7 1-241-262-11 s RES, ADJ, METALT 2K
 RV8 1-238-855-11 s RES, ADJ, METAL 4.7K
 RV9 1-241-261-41 s RES, ADJ, METAL 1K
 RV10 1-241-263-11 s RES, ADJ, METALT 5K
 RV11 1-241-262-11 s RES, ADJ, METALT 2K
 RV12 1-238-853-11 s RES, ADJ, METAL 1K
 S1 1-572-342-11 s SWITCH, SLIDE
 [for DXC-637;J, DXC-637;UC]

Please see page D-13 for the part numbers of resistor that is not the parts list.

FP-68 BOARD

Ref. No. or Q'ty	Part No.	SP Description
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1pc	A-8310-948-A	o MOUNTED CIRCUIT BOARD, FP-68
CN1	1-691-863-11	s CONNECTOR, 4P
R1	1-215-461-00	s METAL 47K 1% 1/6W
R2	1-215-453-00	s METAL 22K 1% 1/6W
R3	1-215-449-00	s METAL 15K 1% 1/6W
R4	1-215-405-00	s METAL 220 1% 1/6W
S1	1-571-404-11	s SWITCH, KEY BOARD
S2	1-571-404-11	s SWITCH, KEY BOARD
S3	1-570-984-11	s SWITCH, TOGGLE
S4	1-692-313-11	s SWITCH, PUSH

IE-47 BOARD

Ref. No. or Q'ty	Part No.	SP Description
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1pc	A-8310-955-A	o MOUNTED CIRCUIT BOARD, IE-47
C1	1-164-156-11	s CERAMIC 0.1uF 25V
C2	1-104-852-11	s TANTALUM 22uF 20% 10V
C3	1-164-156-11	s CERAMIC 0.1uF 25V
C4	1-162-915-11	s CERAMIC, CHIP 10PF 5PF 50V
C6	1-104-851-11	s TANTALUM 10uF 20% 10V
C7	1-104-913-11	s TANTALUM 10uF 20% 16V
C8	1-164-156-11	s CERAMIC 0.1uF 25V
C9	1-164-156-11	s CERAMIC 0.1uF 25V
C10	1-104-823-11	s TANTALUM 47uF 20% 16V
C11	1-104-823-11	s TANTALUM 47uF 20% 16V
C12	1-164-156-11	s CERAMIC 0.1uF 25V
C13	1-164-156-11	s CERAMIC 0.1uF 25V
C14	1-164-156-11	s CERAMIC 0.1uF 25V
C15	1-164-156-11	s CERAMIC 0.1uF 25V
C16	1-164-156-11	s CERAMIC 0.1uF 25V
C17	1-104-913-11	s TANTALUM 10uF 20% 16V
C19	1-164-156-11	s CERAMIC 0.1uF 25V
C20	1-164-156-11	s CERAMIC 0.1uF 25V
C21	1-164-156-11	s CERAMIC 0.1uF 25V
C22	1-164-156-11	s CERAMIC 0.1uF 25V
C24	1-164-156-11	s CERAMIC 0.1uF 25V
C25	1-135-159-21	s TANTALUM, CHIP 10uF 10% 20V
C26	1-135-159-21	s TANTALUM, CHIP 10uF 10% 20V
C29	1-164-156-11	s CERAMIC 0.1uF 25V
C31	1-104-852-11	s TANTALUM 22uF 20% 10V
C32	1-104-823-11	s TANTALUM 47uF 20% 16V
C33	1-164-156-11	s CERAMIC 0.1uF 25V
C34	1-107-689-21	s TANTALUM 1uF 20% 35V
C35	1-107-689-21	s TANTALUM 1uF 20% 35V
C37	1-162-964-11	s CERAMIC 0.001uF 10% 50V
C38	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C41	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C42	1-164-156-11	s CERAMIC 0.1uF 25V
C43	1-164-156-11	s CERAMIC 0.1uF 25V
C44	1-164-156-11	s CERAMIC 0.1uF 25V
C45	1-164-156-11	s CERAMIC 0.1uF 25V
C46	1-164-156-11	s CERAMIC 0.1uF 25V
C47	1-164-156-11	s CERAMIC 0.1uF 25V
C48	1-164-156-11	s CERAMIC 0.1uF 25V
C49	1-164-156-11	s CERAMIC 0.1uF 25V
C50	1-104-913-11	s TANTALUM 10uF 20% 16V
C51	1-164-156-11	s CERAMIC 0.1uF 25V
C52	1-104-913-11	s TANTALUM 10uF 20% 16V
C53	1-104-913-11	s TANTALUM 10uF 20% 16V
C54	1-164-156-11	s CERAMIC 0.1uF 25V
C55	1-164-156-11	s CERAMIC 0.1uF 25V
C56	1-164-156-11	s CERAMIC 0.1uF 25V
C57	1-164-156-11	s CERAMIC 0.1uF 25V
C58	1-164-156-11	s CERAMIC 0.1uF 25V
C59	1-164-156-11	s CERAMIC 0.1uF 25V
C60	1-164-156-11	s CERAMIC 0.1uF 25V
C61	1-135-072-21	s TANTALUM, CHIP 0.22uF 10% 35V
C62	1-135-070-00	s TANTALUM, CHIP 0.1uF 10% 35V
C63	1-104-823-11	s TANTALUM 47uF 20% 16V
C64	1-135-072-21	s TANTALUM, CHIP 0.22uF 10% 35V
C65	1-135-070-00	s TANTALUM, CHIP 0.1uF 10% 35V
C70	1-107-689-21	s TANTALUM 1uF 20% 35V

(IE-47 BOARD)

Ref. No.
or Q'ty Part No. SP Description

C71	1-135-070-00	s TANTALUM, CHIP 0.1uF 10% 35V
C78	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C79	1-164-156-11	s CERAMIC 0.1uF 25V
C81	1-164-156-11	s CERAMIC 0.1uF 25V
C82	1-104-913-11	s TANTALUM 10uF 20% 16V
C83	1-104-913-11	s TANTALUM 10uF 20% 16V
C84	1-164-156-11	s CERAMIC 0.1uF 25V
C85	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C86	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C87	1-164-156-11	s CERAMIC 0.1uF 25V
C88	1-164-156-11	s CERAMIC 0.1uF 25V
C89	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C90	1-104-851-11	s TANTALUM 10uF 20% 10V
C91	1-104-852-11	s TANTALUM 22uF 20% 10V
C92	1-104-852-11	s TANTALUM 22uF 20% 10V
C93	1-104-913-11	s TANTALUM 10uF 20% 16V
C94	1-104-851-11	s TANTALUM 10uF 20% 10V
C95	1-107-689-21	s TANTALUM 1uF 20% 35V
C96	1-164-156-11	s CERAMIC 0.1uF 25V
C97	1-107-689-21	s TANTALUM 1uF 20% 35V
C98	1-164-156-11	s CERAMIC 0.1uF 25V
C99	1-164-156-11	s CERAMIC 0.1uF 25V
C101	1-126-392-11	s ELECT, CHIP 100uF 20% 6.3V
C102	1-126-392-11	s ELECT, CHIP 100uF 20% 6.3V
C103	1-164-156-11	s CERAMIC 0.1uF 25V
C104	1-104-852-11	s TANTALUM 22uF 20% 10V
C105	1-128-391-11	s ELECT 330uF 20% 6.3V
C107	1-104-852-11	s TANTALUM 22uF 20% 10V
C108	1-126-396-11	s ELECT, CHIP 47uF 20% 16V
C109	1-104-852-11	s TANTALUM 22uF 20% 10V
C110	1-104-851-11	s TANTALUM 10uF 20% 10V
C111	1-104-823-11	s TANTALUM 47uF 20% 16V
C112	1-107-686-11	s TANTALUM 4.7uF 20% 16V
C113	1-104-852-11	s TANTALUM 22uF 20% 10V
C114	1-104-917-11	s TANTALUM 15uF 20% 20V
C123	1-104-852-11	s TANTALUM 22uF 20% 10V
C124	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C125	1-104-851-11	s TANTALUM 10uF 20% 10V
C126	1-104-851-11	s TANTALUM 10uF 20% 10V
C127	1-104-852-11	s TANTALUM 22uF 20% 10V
C128	1-107-685-11	s TANTALUM 15uF 20% 6.3V
C129	1-104-851-11	s TANTALUM 10uF 20% 10V
C135	1-162-908-11	s CERAMIC 3PF 0.25PF 50V
C137	1-164-156-11	s CERAMIC 0.1uF 25V
C138	1-164-156-11	s CERAMIC 0.1uF 25V
C140	1-107-689-21	s TANTALUM 1uF 20% 35V
C141	1-107-689-21	s TANTALUM 1uF 20% 35V
C142	1-135-070-00	s TANTALUM, CHIP 0.1uF 10% 35V
C143	1-104-823-11	s TANTALUM 47uF 20% 16V
C144	1-107-854-11	s TANTALUM 68uF 20% 6.3V
C147	1-162-974-11	s CERAMIC 0.01uF 50V
C150	1-104-823-11	s TANTALUM 47uF 20% 16V
C151	1-107-689-21	s TANTALUM 1uF 20% 35V
C152	1-104-851-11	s TANTALUM 10uF 20% 10V
C153	1-162-915-11	s CERAMIC, CHIP 10PF 5PF 50V
C154	1-162-915-11	s CERAMIC, CHIP 10PF 5PF 50V
C155	1-162-915-11	s CERAMIC, CHIP 10PF 5PF 50V
C156	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V

(IE-47 BOARD)

Ref. No.
or Q'ty Part No. SP Description

CN1	1-770-581-11	o CONNECTOR 30P
CV1	1-141-422-11	s CAP, ADJ
D1	8-719-800-76	s DIODE 1SS226
D2	8-719-157-20	s DIODE RD4.3M-B
D4	8-719-948-47	s DIODE HSM88AS
D5	8-719-948-47	s DIODE HSM88AS
D6	8-719-157-20	s DIODE RD4.3M-B
D7	8-719-157-20	s DIODE RD4.3M-B
DL2	1-406-728-21	s DELAY LINE, LC (35NS)
DL3	1-406-728-21	s DELAY LINE, LC (35NS)
DL4	1-406-728-21	s DELAY LINE, LC (35NS)
DL5	1-406-728-21	s DELAY LINE, LC (35NS)
DL6	1-406-728-21	s DELAY LINE, LC (35NS)
FL1	1-239-620-21	s FILTER, TRAP
FL2	1-233-342-11	s FILTER, TRAP
FL3	1-233-342-11	s FILTER, TRAP
IC1	8-759-035-93	s IC TC7S32F
IC2	8-752-358-04	s IC CXD2310R
IC4	8-752-360-44	s IC CXK1203AR
IC5	8-759-700-95	s IC NJM1496M
IC6	8-759-300-71	s IC MC14053BF
IC7	8-759-906-53	s IC TL062CPS
IC8	8-759-011-65	s IC MC74HC4053F
IC9	8-759-906-54	s IC TL064CNS
IC10	8-759-031-84	s IC SC7S04F
IC11	8-759-038-46	s IC SC7S00F
IC12	8-759-916-23	s IC SN74HC27ANS
IC13	8-759-242-64	s IC TC4W53F
IC15	8-759-038-46	s IC SC7S00F
IC16	8-752-360-44	s IC CXK1203AR
IC17	8-752-363-60	s IC CXD2307R
IC18	8-759-234-20	s IC TC7S08F
IC20	8-759-906-54	s IC TL064CNS
IC21	8-759-234-20	s IC TC7S08F
IC22	8-759-926-24	s IC SN74HC164ANS
IC23	8-759-031-84	s IC SC7S04F
IC24	8-759-035-93	s IC TC7S32F
IC25	8-759-035-90	s IC SC7S02FEL
IC26	8-759-234-20	s IC TC7S08F
IC27	8-759-234-20	s IC TC7S08F
IC28	8-759-031-84	s IC SC7S04F
IC29	8-759-031-84	s IC SC7S04F
L1	1-410-381-11	s INDUCTOR CHIP 10uH
L2	1-410-381-11	s INDUCTOR CHIP 10uH
L3	1-410-381-11	s INDUCTOR CHIP 10uH
L4	1-410-381-11	s INDUCTOR CHIP 10uH
L5	1-410-381-11	s INDUCTOR CHIP 10uH
L6	1-410-381-11	s INDUCTOR CHIP 10uH
L7	1-410-389-31	s INDUCTOR CHIP 47uH
L8	1-410-385-11	s INDUCTOR, CHIP 22uH
L9	1-410-385-11	s INDUCTOR, CHIP 22uH
L10	1-412-282-41	s INDUCTOR 470uH
L11	1-410-373-31	s INDUCTOR CHIP 2.2uH
L12	1-410-373-31	s INDUCTOR CHIP 2.2uH
L13	1-410-373-31	s INDUCTOR CHIP 2.2uH
L14	1-410-393-11	s INDUCTOR CHIP 100uH

Please see page D-13 for the part numbers of resistor that is not the parts list.

(IE-47 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
L15	1-410-389-31 s	INDUCTOR CHIP 47uH
L17	1-410-385-11 s	INDUCTOR, CHIP 22uH
Q1	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q2	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q3	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q4	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q5	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q6	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q7	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q8	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q9	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q10	8-729-905-24 s	TRANSISTOR 2SA1576S
Q11	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q12	8-729-905-24 s	TRANSISTOR 2SA1576S
Q13	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q14	8-729-905-24 s	TRANSISTOR 2SA1576S
Q15	8-729-905-24 s	TRANSISTOR 2SA1576S
Q16	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q48	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q49	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q50	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q51	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q52	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q53	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q54	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q55	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q56	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q57	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q58	8-729-142-90 s	TRANSISTOR 2SK853-K5
Q59	8-729-905-24 s	TRANSISTOR 2SA1576S
Q61	8-729-905-24 s	TRANSISTOR 2SA1576S
Q62	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q63	8-729-905-24 s	TRANSISTOR 2SA1576S
Q64	8-729-905-24 s	TRANSISTOR 2SA1576S
Q65	8-729-905-24 s	TRANSISTOR 2SA1576S
Q66	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q67	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q68	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q69	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q70	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q71	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q72	8-729-905-24 s	TRANSISTOR 2SA1576S
Q73	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q74	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q75	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q76	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q78	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q79	8-729-905-24 s	TRANSISTOR 2SA1576S
Q80	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q81	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q82	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q83	8-729-142-90 s	TRANSISTOR 2SK853-K5
Q84	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q85	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q86	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q87	8-729-905-24 s	TRANSISTOR 2SA1576S
Q88	8-729-905-24 s	TRANSISTOR 2SA1576S
Q90	8-729-143-13 s	TRANSISTOR 2SC4176-B34

(IE-47 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q91	8-729-807-51 s	TRANSISTOR 2SD1623-S
Q92	8-729-101-07 s	TRANSISTOR 2SB798
Q93	8-729-807-51 s	TRANSISTOR 2SD1623-S
Q94	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q95	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q96	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q97	8-729-905-24 s	TRANSISTOR 2SA1576S
Q100	8-729-101-07 s	TRANSISTOR 2SB798
R3	1-216-824-11 s	METAL, CHIP 1.8K 5% 1/16W
R6	1-216-854-11 s	METAL, CHIP 560K 5% 1/16W
R7	1-216-851-11 s	METAL 1.5K 0.50% 1/16W
R8	1-216-824-11 s	METAL, CHIP 1.8K 5% 1/16W
R9	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R10	1-216-833-11 s	METAL, CHIP 10K 5% 1/16W
R11	1-216-827-11 s	METAL, CHIP 3.3K 5% 1/16W
R14	1-216-823-11 s	METAL, CHIP 1.5K 5% 1/16W
R15	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R16	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R17	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R18	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R19	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R20	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R21	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R22	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R23	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R24	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R25	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R26	1-216-841-11 s	METAL, CHIP 47K 5% 1/16W
R27	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R28	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R29	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R30	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R31	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R32	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R33	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R34	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R35	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R36	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R37	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R38	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R41	1-216-837-11 s	METAL, CHIP 22K 5% 1/16W
R42	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R43	1-216-845-11 s	METAL, CHIP 100K 5% 1/16W
R47	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R49	1-216-809-11 s	METAL, CHIP 100 5% 1/16W
R50	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R51	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R54	1-216-823-11 s	METAL, CHIP 1.5K 5% 1/16W
R56	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R58	1-216-821-11 s	METAL, CHIP 1K 5% 1/16W
R59	1-216-797-11 s	METAL, CHIP 10 5% 1/16W
R60	1-211-983-11 s	METAL 39 0.50% 1/16W
R62	1-211-983-11 s	METAL 39 0.50% 1/16W
R63	1-216-822-11 s	METAL, CHIP 1.2K 5% 1/16W
R64	1-216-822-11 s	METAL, CHIP 1.2K 5% 1/16W
R65	1-216-822-11 s	METAL, CHIP 1.2K 5% 1/16W
R68	1-216-829-11 s	METAL, CHIP 4.7K 5% 1/16W
R71	1-216-825-11 s	METAL, CHIP 2.2K 5% 1/16W

(IE-47 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R72	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R75	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R76	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R77	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R78	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R80	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R81	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R86	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R88	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R111	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R116	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R117	1-216-818-11	s METAL, CHIP 560 5% 1/16W
R118	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R119	1-216-822-11	s METAL, CHIP 1.2K 5% 1/16W
R121	1-216-819-11	s METAL, CHIP 680 5% 1/16W
R122	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R123	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W
R124	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R127	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R128	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R129	1-216-830-11	s METAL, CHIP 5.6K 5% 1/16W
R131	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R132	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R133	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R141	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R145	1-216-845-11	s METAL, CHIP 100K 5% 1/16W
R146	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R147	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R148	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R149	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R150	1-216-841-11	s METAL, CHIP 47K 5% 1/16W
R151	1-216-830-11	s METAL, CHIP 5.6K 5% 1/16W
R152	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R153	1-216-853-11	s METAL, CHIP 470K 5% 1/16W
R154	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R157	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R164	1-216-813-11	s METAL, CHIP 220 5% 1/16W
R165	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R166	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R167	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R169	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R172	1-216-824-11	s METAL, CHIP 1.8K 5% 1/16W
R174	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R176	1-216-830-11	s METAL, CHIP 5.6K 5% 1/16W
R177	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R178	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R183	1-216-827-11	s METAL, CHIP 3.3K 5% 1/16W
R184	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R185	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R186	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R187	1-216-826-11	s METAL, CHIP 2.7K 5% 1/16W
R191	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R192	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R193	1-218-844-11	s METAL 750 0.50% 1/16W
R196	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R201	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R202	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R203	1-218-866-11	s METAL 6.2K 0.50% 1/16W
R204	1-216-811-11	s METAL, CHIP 150 5% 1/16W

(IE-47 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R205	1-216-811-11	s METAL, CHIP 150 5% 1/16W
R212	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R213	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R214	1-218-856-11	s METAL 2.4K 0.50% 1/16W
R215	1-218-837-11	s METAL 390 0.50% 1/16W
R217	1-218-856-11	s METAL 2.4K 0.50% 1/16W
R219	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R221	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R223	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R225	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R227	1-211-982-11	s METAL 36 0.50% 1/16W
R228	1-211-982-11	s METAL 36 0.50% 1/16W
R239	1-216-811-11	s METAL, CHIP 150 5% 1/16W
R240	1-216-823-11	s METAL, CHIP 1.5K 5% 1/16W
R251	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R264	1-216-821-11	s METAL, CHIP 1K 5% 1/16W
R265	1-218-883-11	s METAL 33K 0.50% 1/16W
R268	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R269	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R270	1-216-829-11	s METAL, CHIP 4.7K 5% 1/16W
R272	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R273	1-216-817-11	s METAL, CHIP 470 5% 1/16W
R276	1-216-809-11	s METAL, CHIP 100 5% 1/16W
R277	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R278	1-216-797-11	s METAL, CHIP 10 5% 1/16W
R279	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R284	1-216-825-11	s METAL, CHIP 2.2K 5% 1/16W
R287	1-216-833-11	s METAL, CHIP 10K 5% 1/16W
R288	1-216-864-11	s METAL, CHIP 0 5% 1/16W
RV1	1-241-261-41	s RES, ADJ, METAL 1K
RV3	1-241-262-11	s RES, ADJ, METALT 2K
RV4	1-238-854-11	s RES, ADJ, METAL 2.2K
RV5	1-241-263-11	s RES, ADJ, METALT 5K
RV6	1-238-851-11	s RES, ADJ METAL 220
RV7	1-238-854-11	s RES, ADJ, METAL 2.2K
RV8	1-238-855-11	s RES, ADJ, METAL 4.7K
RV9	1-238-856-11	s RES, ADJ, METAL 10K
RV10	1-238-852-11	s RES, ADJ METAL 470
RV11	1-238-855-11	s RES, ADJ, METAL 4.7K
RV12	1-238-855-11	s RES, ADJ, METAL 4.7K
RV13	1-238-853-11	s RES, ADJ, METAL 1K
RV14	1-238-854-11	s RES, ADJ, METAL 2.2K
RV15	1-238-854-11	s RES, ADJ, METAL 2.2K
S1	1-572-272-11	s SWITCH, SLIDE

Please see page D-13 for the part numbers of resistor that is not the parts list.

MB-597(N)/597(P) BOARD

(MB-597(N)/597(P) BOARD)

Ref. No. or Q'ty	Part No.	SP Description	Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8310-958-A o	OUNTED CIRCUIT BOARD, MB-597 (N) [for DXC-637;J, DXC-637;UC]	C54	1-162-964-11 s	CERAMIC 0.001uF 10% 50V
1pc	A-8310-978-A o	OUNTED CIRCUIT BOARD, MB-597 (P) [for DXC-637P;EK]	C55	1-164-156-11 s	CERAMIC 0.1uF 25V
3pcs	4-352-844-01 s	PIN, LEAD, COATING	C56	1-164-156-11 s	CERAMIC 0.1uF 25V
1pc	2-280-622-01 o	SUPPORT (M3), HEXAGON	C57	1-164-156-11 s	CERAMIC 0.1uF 25V
1pc	7-682-544-04 s	SCREW +B 3X3	C58	1-164-156-11 s	CERAMIC 0.1uF 25V
C1	1-135-166-21 s	TANTALUM, CHIP 47uF 10% 10V	C59	1-164-156-11 s	CERAMIC 0.1uF 25V
C3	1-135-227-11 s	TANTALUM 100uF 10% 6.3V	C60	1-164-156-11 s	CERAMIC 0.1uF 25V
C4	1-135-181-21 s	TANTALUM, CHIP 4.7uF 10% 6.3V	C61	1-135-177-21 s	TANTALUM, CHIP 1uF 10% 25V
C5	1-135-181-21 s	TANTALUM, CHIP 4.7uF 10% 6.3V	C62	1-162-974-11 s	CERAMIC 0.01uF 50V
C6	1-135-227-11 s	TANTALUM 100uF 10% 6.3V	C63	1-162-974-11 s	CERAMIC 0.01uF 50V
C7	1-104-911-11 s	TANTALUM 33uF 20% 10V	C64	1-162-974-11 s	CERAMIC 0.01uF 50V
C8	1-164-156-11 s	CERAMIC 0.1uF 25V	C65	1-162-974-11 s	CERAMIC 0.01uF 50V
C9	1-104-911-11 s	TANTALUM 33uF 20% 10V	C66	1-162-974-11 s	CERAMIC 0.01uF 50V
C10	1-164-156-11 s	CERAMIC 0.1uF 25V	C67	1-162-974-11 s	CERAMIC 0.01uF 50V
C11	1-104-852-11 s	TANTALUM 22uF 20% 10V	C68	1-162-974-11 s	CERAMIC 0.01uF 50V
C12	1-104-852-11 s	TANTALUM 22uF 20% 10V	C73	1-104-478-11 s	TANTALUM 10uF 20% 35V
C13	1-104-911-11 s	TANTALUM 33uF 20% 10V	C74	1-104-478-11 s	TANTALUM 10uF 20% 35V
C14	1-164-156-11 s	CERAMIC 0.1uF 25V	C79	1-104-478-11 s	TANTALUM 10uF 20% 35V
C15	1-162-966-11 s	CERAMIC, CHIP 0.0022uF 10% 50V	C80	1-104-478-11 s	TANTALUM 10uF 20% 35V
C16	1-162-966-11 s	CERAMIC, CHIP 0.0022uF 10% 50V	C85	1-135-165-11 s	TANTALUM, CHIP 33uF 10% 16V
C17	1-162-966-11 s	CERAMIC, CHIP 0.0022uF 10% 50V	C86	1-135-165-11 s	TANTALUM, CHIP 33uF 10% 16V
C20	1-162-927-11 s	CERAMIC, CHIP 100PF 5% 50V	C87	1-164-156-11 s	CERAMIC 0.1uF 25V
C21	1-126-390-11 s	ELECT, CHIP 22uF 20% 6.3V	C88	1-135-210-11 s	TANTALUM 4.7uF 10% 10V
C22	1-126-390-11 s	ELECT, CHIP 22uF 20% 6.3V	C89	1-135-210-11 s	TANTALUM 4.7uF 10% 10V
C23	1-162-964-11 s	CERAMIC 0.001uF 10% 50V	C90	1-135-166-21 s	TANTALUM, CHIP 47uF 10% 10V
C24	1-126-390-11 s	ELECT, CHIP 22uF 20% 6.3V	C91	1-162-974-11 s	CERAMIC 0.01uF 50V
C25	1-162-974-11 s	CERAMIC 0.01uF 50V	C92	1-135-213-21 s	TANTALUM, CHIP 3.3uF 20% 25V
C26	1-162-964-11 s	CERAMIC 0.001uF 10% 50V	C93	1-104-478-11 s	TANTALUM 10uF 20% 35V
C27	1-126-390-11 s	ELECT, CHIP 22uF 20% 6.3V	C94	1-135-179-21 s	TANTAL 2.2uF 10% 16V
C28	1-162-974-11 s	CERAMIC 0.01uF 50V	C95	1-135-165-11 s	TANTALUM, CHIP 33uF 10% 16V
C29	1-164-373-11 s	CERAMIC 0.033uF 25V	C96	1-164-156-11 s	CERAMIC 0.1uF 25V
C30	1-162-974-11 s	CERAMIC 0.01uF 50V	C97	1-164-156-11 s	CERAMIC 0.1uF 25V
C31	1-162-959-11 s	CERAMIC 330PF 5% 50V [for DXC-637P;EK]	C98	1-164-156-11 s	CERAMIC 0.1uF 25V
C32	1-164-315-11 s	CERAMIC 470PF 5% 50V [for DXC-637P;EK]	C101	1-135-159-21 s	TANTALUM, CHIP 10uF 10% 20V
C33	1-164-156-11 s	CERAMIC 0.1uF 25V [for DXC-637P;EK]	C102	1-162-974-11 s	CERAMIC 0.01uF 50V
C34	1-164-156-11 s	CERAMIC 0.1uF 25V	C103	1-162-974-11 s	CERAMIC 0.01uF 50V
C35	1-164-156-11 s	CERAMIC 0.1uF 25V	C104	1-135-159-21 s	TANTALUM, CHIP 10uF 10% 20V
C36	1-104-852-11 s	TANTALUM 22uF 20% 10V	C105	1-135-166-21 s	TANTALUM, CHIP 47uF 10% 10V
C37	1-164-156-11 s	CERAMIC 0.1uF 25V	C106	1-164-156-11 s	CERAMIC 0.1uF 25V
C38	1-164-156-11 s	CERAMIC 0.1uF 25V	C107	1-135-210-11 s	TANTALUM 4.7uF 10% 10V
C39	1-162-919-11 s	CERAMIC, CHIP 22PF 5% 50V	C108	1-135-214-21 s	TANTAL 4.7uF 20% 20V
C40	1-164-218-11 s	CERAMIC 180PF 5% 50V	C109	1-135-164-21 s	TANTALUM, CHIP 22uF 20% 10V
C41	1-164-156-11 s	CERAMIC 0.1uF 25V	C110	1-164-156-11 s	CERAMIC 0.1uF 25V
C42	1-164-156-11 s	CERAMIC 0.1uF 25V	C111	1-104-823-11 s	TANTALUM 47uF 20% 16V
C43	1-104-852-11 s	TANTALUM 22uF 20% 10V	C112	1-107-686-11 s	TANTALUM 4.7uF 20% 16V
C44	1-164-156-11 s	CERAMIC 0.1uF 25V	C113	1-107-686-11 s	TANTALUM 4.7uF 20% 16V
C45	1-164-156-11 s	CERAMIC 0.1uF 25V	C114	1-135-166-21 s	TANTALUM, CHIP 47uF 10% 10V
C46	1-126-396-11 s	ELECT, CHIP 47uF 20% 16V	C115	1-162-917-11 s	CERAMIC, CHIP 15PF 5% 50V
C47	1-126-400-11 s	ELECT, CHIP 22uF 20% 35V	C117	1-164-156-11 s	CERAMIC 0.1uF 25V
C48	1-162-974-11 s	CERAMIC 0.01uF 50V	C150	1-135-227-11 s	TANTALUM 100uF 10% 6.3V
C49	1-164-156-11 s	CERAMIC 0.1uF 25V	C151	1-135-227-11 s	TANTAL 100uF 10% 6.3V
C50	1-164-156-11 s	CERAMIC 0.1uF 25V	C152	1-104-543-11 s	FILM 0.0022uF 5% 50V
C51	1-104-852-11 s	TANTALUM 22uF 20% 10V	C153	1-162-974-11 s	CERAMIC 0.01uF 50V [for DXC-637P;EK]
C52	1-164-156-11 s	CERAMIC 0.1uF 25V	C154	1-161-051-00 s	CERAMIC 0.01uF 10% 50V [for DXC-637P;EK]
C53	1-162-974-11 s	CERAMIC 0.01uF 50V	CN1	1-506-473-11 o	CONNECTOR, 8P, MALE
			CN2	1-573-806-21 s	PIN, CONNECTOR 6P
			CN3	1-766-183-11 o	HOUSING, 24P

(MB-597(N)/597(P) BOARD)

Ref. No.
or Q'ty Part No. SP Description

CN4	1-506-473-11 s	CONNECTOR, 8P, MALE
CN5	1-564-002-11 s	PIN, CONNECTOR 3P
CN7	1-691-855-11 s	CONNECTOR, BOARD TO BOARD 60P
CN8	1-691-855-11 s	CONNECTOR, BOARD TO BOARD 60P
CN9	1-691-855-11 s	CONNECTOR, BOARD TO BOARD 60P
CN10	1-562-728-11 o	CONNECTOR, MULTI 50P
CN11	1-564-011-11 o	CONNECTOR, 12P, MALE
CN13	1-770-580-11 o	SOCKET, CONNECTOR 26P
CN14	1-691-552-11 s	CONNECTOR, 48P
CN16	1-506-467-11 s	CONNECTOR, 2P, MALE
CN17	1-564-001-11 o	CONNECTOR, 2P, MALE
CN18	1-506-467-11 s	CONNECTOR, 2P, MALE
CN19	1-568-353-21 o	CONNECTOR, 6P
CN20	1-506-467-11 s	CONNECTOR, 2P, MALE
CP1	1-760-278-11 s	CRYSTAL 28.6363MHz [for DXC-637;J, DXC-637;UC]
CP1	1-760-647-11 s	CRYSTAL 29.5MHz [for DXC-637P;EK]
D1	8-719-911-55 s	DIODE U05G
D5	8-719-104-34 s	DIODE 1S2836
D6	8-719-104-34 s	DIODE 1S2836
D7	8-719-024-81 s	DIODE ISS300-TE85L
D8	8-719-024-81 s	DIODE ISS300-TE85L
D9	8-719-024-81 s	DIODE 1SS300-TE85L
D12	8-719-938-78 s	DIODE SB10-05PCP
D13	8-719-938-78 s	DIODE SB10-05PCP
D14	8-719-801-78 s	DIODE ISS184
D15	8-719-104-34 s	DIODE 1S2836
D16	8-719-157-20 s	DIODE RD4.3M-B
FB1	1-543-775-11 s	FILTER, EMI
FB2	1-543-775-11 s	FILTER, EMI
FB3	1-543-775-11 s	FILTER, EMI
FB4	1-543-775-11 s	FILTER, EMI
FB5	1-543-775-11 s	FILTER, EMI
FB6	1-543-775-11 s	FILTER, EMI
FB7	1-543-775-11 s	FILTER, EMI
FB8	1-543-775-11 s	FILTER, EMI
FB9	1-543-775-11 s	FILTER, EMI
FB10	1-543-775-11 s	FILTER, EMI
FB11	1-543-775-11 s	FILTER, EMI
FB12	1-543-775-11 s	FILTER, EMI
FB13	1-412-364-11 s	INDUCTOR CHIP 0uH
FB15	1-543-775-11 s	FILTER, EMI
FB16	1-543-775-11 s	FILTER, EMI
FB17	1-543-775-11 s	FILTER, EMI
FB18	1-412-364-11 s	INDUCTOR CHIP 0uH
FB22	1-543-775-11 s	FILTER, EMI
FB23	1-543-775-11 s	FILTER, EMI
FB24	1-543-775-11 s	FILTER, EMI
FB25	1-543-775-11 s	FILTER, EMI
FB26	1-543-775-11 s	FILTER, EMI
FB27	1-543-775-11 s	FILTER, EMI
FB28	1-543-775-11 s	FILTER, EMI
FB29	1-543-775-11 s	FILTER, EMI
FB30	1-543-775-11 s	FILTER, EMI
FB31	1-543-775-11 s	FILTER, EMI
FB32	1-543-775-11 s	FILTER, EMI
FB33	1-543-775-11 s	FILTER, EMI
FB35	1-543-775-11 s	FILTER, EMI

(MB-597(N)/597(P) BOARD)

Ref. No.
or Q'ty Part No. SP Description

FB36	1-412-364-11 s	INDUCTOR CHIP 0uH
FB37	1-412-364-11 s	INDUCTOR CHIP 0uH
FB38	1-412-364-11 s	INDUCTOR CHIP 0uH
FB39	1-412-364-11 s	INDUCTOR CHIP 0uH
FB40	1-412-364-11 s	INDUCTOR CHIP 0uH
FL1	1-236-164-11 s	ENCAPSULATED COMPONENT
FL2	1-239-077-11 s	FILTER, EMI
FL3	1-239-077-11 s	FILTER, EMI
IC1	8-752-055-95 s	IC CXA1409AQ
IC2	8-759-635-27 s	IC M62352GP
IC3	8-759-082-58 s	IC TC7W08FU
IC4	8-759-058-62 s	IC TC7S08FU(TE85R)
IC10	8-759-058-62 s	IC TC7S08FU(TE85R) [for DXC-637;J, DXC-637;UC]
IC10	8-759-058-54 s	IC TC7S00FU(TE85R) [for DXC-637P;EK]
IC11	8-759-082-58 s	IC TC7W08FU
IC12	8-759-082-58 s	IC TC7W08FU
IC15	8-759-337-17 o	IC CY7C291A-50SC-DXC637 V1.00
IC17	8-752-326-69 s	IC CXD1035BQ-Z
IC18	8-759-196-96 s	IC TC7SH08FU
IC20	8-759-082-58 s	IC TC7W08FU
IC22	8-759-196-97 s	IC TC7SH32FU
IC23	8-759-079-66 s	IC TC74VHC123AFS(EL) [for DXC-637P;EK]
IC24	8-759-058-64 s	IC TC7S32FU(TE85R) [for DXC-637P;EK]
IC25	8-759-073-52 s	IC TC74AC04F-EL
IC26	8-759-073-52 s	IC TC74AC04F-EL
IC27	8-759-073-52 s	IC TC74AC04F-EL
IC28	8-759-076-06 s	IC TL064CPW
IC29	8-759-172-33 s	IC UPD16502GS(1)
IC30	8-759-172-33 s	IC UPD16502GS(1)
IC31	8-759-172-33 s	IC UPD16502GS(1)
IC32	8-759-049-98 s	IC SN74HC74APW-E05
IC33	8-759-058-62 s	IC TC7S08FU(TE85R)
IC35	8-759-082-58 s	IC TC7W08FU
IC36	8-759-196-96 s	IC TC7SH08FU
L1	1-412-026-11 s	INDUCTOR CHIP 1uH
L2	1-412-026-11 s	INDUCTOR CHIP 1uH
L3	1-412-026-11 s	INDUCTOR CHIP 1uH
L4	1-410-385-11 s	INDUCTOR, CHIP 22uH
L5	1-410-658-31 s	INDUCTOR CHIP 220uH
L10	1-410-389-31 s	INDUCTOR CHIP 47uH
L11	1-412-282-41 s	INDUCTOR 470uH
L12	1-410-393-11 s	INDUCTOR CHIP 100uH
Q1	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q2	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q3	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q4	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q5	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q6	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q7	8-729-402-84 s	TRANSISTOR XN4601
Q8	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q9	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q20	8-729-216-22 s	TRANSISTOR 2SA1162
Q21	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q22	8-729-140-47 s	TRANSISTOR 2SC3735-T2B-B35

Please see page D-13 for the part numbers of resistor that is not the parts list.

(MB-597(N)/597(P) BOARD)

Ref. No. or Q'ty	Part No.	SP Description	Ref. No. or Q'ty	Part No.	SP Description
Q23	8-729-112-65 s	TRANSISTOR 2SA1462	R156	1-211-969-11 s	METAL 10 0.50% 1/16W
Q24	8-729-112-65 s	TRANSISTOR 2SA1462	R160	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
Q25	8-729-140-47 s	TRANSISTOR 2SC3735-T2B-B35	R161	1-211-969-11 s	METAL 10 0.50% 1/16W
Q26	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6	R162	1-211-969-11 s	METAL 10 0.50% 1/16W
Q27	8-729-216-22 s	TRANSISTOR 2SA1162	R163	1-211-969-11 s	METAL 10 0.50% 1/16W
Q28	8-729-216-22 s	TRANSISTOR 2SA1162	R164	1-211-969-11 s	METAL 10 0.50% 1/16W
Q29	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6	R165	1-211-969-11 s	METAL 10 0.50% 1/16W
Q35	8-729-101-07 s	TRANSISTOR 2SB798	R166	1-211-969-11 s	METAL 10 0.50% 1/16W
Q36	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6	R167	1-211-969-11 s	METAL 10 0.50% 1/16W
Q37	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6	R168	1-211-977-11 s	METAL 22 0.50% 1/16W
Q38	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6	R169	1-211-977-11 s	METAL 22 0.50% 1/16W
Q39	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6	R170	1-211-977-11 s	METAL 22 0.50% 1/16W
Q40	8-729-101-07 s	TRANSISTOR 2SB798	R171	1-211-977-11 s	METAL 22 0.50% 1/16W
Q41	8-729-807-51 s	TRANSISTOR 2SD1623-S	R172	1-211-977-11 s	METAL 22 0.50% 1/16W
Q42	8-729-143-13 s	TRANSISTOR 2SC4176-B34	R173	1-211-977-11 s	METAL 22 0.50% 1/16W
Q43	8-729-143-07 s	TRANSISTOR 2SA1610-Y33			
Q44	8-729-143-13 s	TRANSISTOR 2SC4176-B34			
Q45	8-729-143-07 s	TRANSISTOR 2SA1610-Y33			
R14	1-211-990-11 s	METAL 75 0.50% 1/16W			
R15	1-211-990-11 s	METAL 75 0.50% 1/16W			
R16	1-216-864-11 s	METAL, CHIP 0 5% 1/16W			
R24	1-218-870-11 s	METAL 9.1K 0.50% 1/16W			
R25	1-218-873-11 s	METAL 12K 0.50% 1/16W			
R26	1-216-864-11 s	METAL, CHIP 0 5% 1/16W			
R33	1-216-864-11 s	METAL, CHIP 0 5% 1/16W			
R65	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W			
R67	1-211-969-11 s	METAL 10 0.50% 1/16W			
R68	1-216-864-11 s	METAL, CHIP 0 5% 1/16W			
R70	1-216-864-11 s	METAL, CHIP 0 5% 1/16W			
R71	1-211-969-11 s	METAL 10 0.50% 1/16W			
R72	1-211-969-11 s	METAL 10 0.50% 1/16W			
R73	1-211-969-11 s	METAL 10 0.50% 1/16W			
R76	1-218-851-11 s	METAL 1.5K 0.50% 1/16W			
		[for DXC-637P;EK]			
R81	1-216-853-11 s	METAL, CHIP 470K 5% 1/16W			
R82	1-216-853-11 s	METAL, CHIP 470K 5% 1/16W			
R83	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W			
R84	1-216-853-11 s	METAL, CHIP 470K 5% 1/16W			
R85	1-216-853-11 s	METAL, CHIP 470K 5% 1/16W			
R90	1-211-977-11 s	METAL 22 0.50% 1/16W			
R92	1-216-853-11 s	METAL, CHIP 470K 5% 1/16W			
R93	1-216-853-11 s	METAL, CHIP 470K 5% 1/16W			
R101	1-211-981-11 s	METAL 33 0.50% 1/16W			
R103	1-216-864-11 s	METAL, CHIP 0 5% 1/16W			
R104	1-216-864-11 s	METAL, CHIP 0 5% 1/16W			
R105	1-216-864-11 s	METAL, CHIP 0 5% 1/16W			
R106	1-216-864-11 s	METAL, CHIP 0 5% 1/16W			
R107	1-216-864-11 s	METAL, CHIP 0 5% 1/16W			
R108	1-216-864-11 s	METAL, CHIP 0 5% 1/16W			
R109	1-211-969-11 s	METAL 10 0.50% 1/16W			
R110	1-216-864-11 s	METAL, CHIP 0 5% 1/16W			
R112	1-216-864-11 s	METAL, CHIP 0 5% 1/16W			
R129	1-218-851-11 s	METAL 1.5K 0.50% 1/16W			
R133	1-218-897-11 s	METAL 120K 0.50% 1/16W			
R142	1-211-969-11 s	METAL 10 0.50% 1/16W			
R143	1-211-969-11 s	METAL 10 0.50% 1/16W			
R144	1-211-969-11 s	METAL 10 0.50% 1/16W			
R149	1-218-851-11 s	METAL 1.5K 0.50% 1/16W			
R155	1-216-864-11 s	METAL, CHIP 0 5% 1/16W			

PA-185(G) BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-565-977-11 s	CONTACT, FEMALE AWG 28-32
2pcs	1-566-988-11 o	HOUSING, CONNECTOR 2P
1pc	1-569-191-11 o	CONTACT, AWG22-26
1pc	1-569-193-11 o	CONTACT, AWG24-30
1pc	1-569-195-11 s	HOUSING, CONNECTOR 2P
C1	1-135-213-21 s	TANTALUM, CHIP 3.3uF 20% 25V
C2	1-135-213-21 s	TANTALUM, CHIP 3.3uF 20% 25V
C3	1-135-213-21 s	TANTALUM, CHIP 3.3uF 20% 25V
C4	1-162-970-11 s	CERAMIC, CHIP 0.01uF 10% 25V
C5	1-135-213-21 s	TANTALUM, CHIP 3.3uF 20% 25V
C6	1-135-213-21 s	TANTALUM, CHIP 3.3uF 20% 25V
C7	1-162-959-11 s	CERAMIC 330PF 5% 50V
C8	1-162-970-11 s	CERAMIC, CHIP 0.01uF 10% 25V
C10	1-135-213-21 s	TANTALUM, CHIP 3.3uF 20% 25V
C11	1-135-164-21 s	TANTALUM, CHIP 22uF 20% 10V
C12	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V
C13	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V
C14	1-164-156-11 s	CERAMIC 0.1uF 25V
C15	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V
C16	1-162-908-11 s	CERAMIC 3PF 0.25PF 50V
C17	1-164-156-11 s	CERAMIC 0.1uF 25V
C18	1-164-156-11 s	CERAMIC 0.1uF 25V
C19	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V
C21	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V
C22	1-164-156-11 s	CERAMIC 0.1uF 25V
C23	1-104-913-11 s	TANTALUM 10uF 20% 16V
C24	1-164-156-11 s	CERAMIC 0.1uF 25V
C26	1-104-913-11 s	TANTALUM 10uF 20% 16V
C27	1-164-156-11 s	CERAMIC 0.1uF 25V
C28	1-162-915-11 s	CERAMIC, CHIP 10PF 5PF 50V
C29	1-162-908-11 s	CERAMIC 3PF 0.25PF 50V
C32	1-162-912-11 s	CERAMIC 7PF 0.5PF 50V
C33	1-164-156-11 s	CERAMIC 0.1uF 25V
C34	1-104-917-11 s	TANTALUM 15uF 20% 20V
C35	1-126-400-11 s	ELECT, CHIP 22uF 20% 35V
C36	1-164-156-11 s	CERAMIC 0.1uF 25V
C37	1-135-165-11 s	TANTALUM, CHIP 33uF 10% 16V
C38	1-107-686-11 s	TANTALUM 4.7uF 20% 16V
C39	1-164-156-11 s	CERAMIC 0.1uF 25V
C40	1-104-913-11 s	TANTALUM 10uF 20% 16V
C42	1-164-156-11 s	CERAMIC 0.1uF 25V
CN1	1-766-235-11 s	HOUSING, 26P
D1	8-719-123-82 s	DIODE ISS303
D2	8-719-017-42 s	DIODE HSM88WA
IC2	8-759-287-60 s	IC TC7SH08FU-TE85L
IC3	8-759-075-53 s	IC LM35DM
IC5	8-759-287-60 s	IC TC7SH08FU-TE85L
Q1	8-729-101-25 s	TRANSISTOR 2SC1009A
Q3	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q4	8-769-401-67 s	TRANSISTOR 3SK163-1
Q5	8-729-117-32 s	TRANSISTOR 2SC4177
Q6	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q7	8-769-401-67 s	TRANSISTOR 3SK163-1
Q8	8-729-117-32 s	TRANSISTOR 2SC4177
Q9	8-729-117-16 s	TRANSISTOR 2SA1611-M6
Q10	8-769-401-67 s	TRANSISTOR 3SK163-1
Q11	8-729-117-32 s	TRANSISTOR 2SC4177

Please see page D-13 for the part numbers of resistor that is not the parts list.

(PA-185(G) BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q12	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q13	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q14	8-769-401-67 s	TRANSISTOR 3SK163-1
Q15	8-729-117-32 s	TRANSISTOR 2SC4177
Q16	8-729-117-16 s	TRANSISTOR 2SA1611-M6
Q17	8-769-401-67 s	TRANSISTOR 3SK163-1
Q18	8-729-117-32 s	TRANSISTOR 2SC4177
Q19	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q20	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q21	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q22	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q23	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q24	8-729-117-32 s	TRANSISTOR 2SC4177
Q25	8-729-117-32 s	TRANSISTOR 2SC4177
Q26	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q27	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q28	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q29	8-729-143-13 s	TRANSISTOR 2SC4176-B34
Q30	8-729-117-32 s	TRANSISTOR 2SC4177
Q32	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q33	8-729-117-32 s	TRANSISTOR 2SC4177
Q34	8-729-117-32 s	TRANSISTOR 2SC4177
Q35	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
R3	1-218-889-11 s	METAL 56K 0.50% 1/16W
R5	1-218-837-11 s	METAL 390 0.50% 1/16W
R9	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R16	1-211-981-11 s	METAL 33 0.50% 1/16W
R21	1-211-981-11 s	METAL 33 0.50% 1/16W
R22	1-211-969-11 s	METAL 10 0.50% 1/16W
R27	1-211-981-11 s	METAL 33 0.50% 1/16W
R30	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R33	1-211-981-11 s	METAL 33 0.50% 1/16W
R37	1-211-981-11 s	METAL 33 0.50% 1/16W
R39	1-218-845-11 s	METAL 820 0.50% 1/16W
R43	1-218-845-11 s	METAL 820 0.50% 1/16W
R53	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R54	1-218-873-11 s	METAL 12K 0.50% 1/16W
R56	1-218-660-91 s	METAL 47 0.50% 1/16W
R57	1-218-899-11 s	METAL 150K 0.50% 1/16W
R58	1-218-883-11 s	METAL 33K 0.50% 1/16W
R59	1-218-883-11 s	METAL 33K 0.50% 1/16W
R65	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R66	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
R73	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R77	1-218-881-11 s	METAL 27K 0.50% 1/16W
R78	1-218-883-11 s	METAL 33K 0.50% 1/16W
R81	1-218-873-11 s	METAL 12K 0.50% 1/16W
R82	1-211-969-11 s	METAL 10 0.50% 1/16W
R87	1-218-881-11 s	METAL 27K 0.50% 1/16W
R90	1-218-873-11 s	METAL 12K 0.50% 1/16W
RV1	1-237-038-11 s	RES, ADJ, METAL 50K
RV2	1-241-263-11 s	RES, ADJ, METALT 5K
W1	1-954-555-11 o	HARNESS, SUB (PA185-1)
W2	1-954-558-11 o	HARNESS, SUB (PA185-2)

PA-190(R) BOARD

Ref. No. or Q'ty	Part No.	SP Description	Ref. No. or Q'ty	Part No.	SP Description
1pc	1-565-977-11 s	CONTACT, FEMALE AWG 28-32	Q12	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
2pcs	1-566-988-11 o	HOUSING, CONNECTOR 2P	Q13	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
1pc	1-569-191-11 o	CONTACT, AWG22-26	Q14	8-769-401-67 s	TRANSISTOR 3SK163-1
1pc	1-569-193-11 o	CONTACT, AWG24-30	Q15	8-729-117-32 s	TRANSISTOR 2SC4177
1pc	1-569-195-31 s	HOUSING, 2P	Q16	8-729-117-16 s	TRANSISTOR 2SA1611-M6
C1	1-135-213-21 s	TANTALUM, CHIP 3.3uF 20% 25V	Q17	8-769-401-67 s	TRANSISTOR 3SK163-1
C2	1-135-213-21 s	TANTALUM, CHIP 3.3uF 20% 25V	Q18	8-729-117-32 s	TRANSISTOR 2SC4177
C3	1-135-213-21 s	TANTALUM, CHIP 3.3uF 20% 25V	Q19	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
C4	1-162-970-11 s	CERAMIC, CHIP 0.01uF 10% 25V	Q20	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
C5	1-135-213-21 s	TANTALUM, CHIP 3.3uF 20% 25V	Q21	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
C6	1-135-213-21 s	TANTALUM, CHIP 3.3uF 20% 25V	Q22	8-729-143-13 s	TRANSISTOR 2SC4176-B34
C7	1-162-959-11 s	CERAMIC 330PF 5% 50V	Q23	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
C8	1-162-970-11 s	CERAMIC, CHIP 0.01uF 10% 25V	Q24	8-729-117-32 s	TRANSISTOR 2SC4177
C10	1-135-213-21 s	TANTALUM, CHIP 3.3uF 20% 25V	Q25	8-729-117-32 s	TRANSISTOR 2SC4177
C11	1-135-164-21 s	TANTALUM, CHIP 22uF 20% 10V	Q26	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
C12	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V	Q27	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
C13	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V	Q28	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
C14	1-164-156-11 s	CERAMIC 0.1uF 25V	Q29	8-729-143-13 s	TRANSISTOR 2SC4176-B34
C15	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V	Q30	8-729-117-32 s	TRANSISTOR 2SC4177
C16	1-162-905-11 s	CERAMIC 1PF 0.25PF 50V	Q32	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
C17	1-164-156-11 s	CERAMIC 0.1uF 25V	Q33	8-729-117-32 s	TRANSISTOR 2SC4177
C18	1-164-156-11 s	CERAMIC 0.1uF 25V	Q34	8-729-117-32 s	TRANSISTOR 2SC4177
C19	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V	Q35	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
C21	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V	R3	1-218-889-11 s	METAL 56K 0.50% 1/16W
C22	1-164-156-11 s	CERAMIC 0.1uF 25V	R5	1-218-837-11 s	METAL 390 0.50% 1/16W
C23	1-104-913-11 s	TANTALUM 10uF 20% 16V	R9	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
C24	1-164-156-11 s	CERAMIC 0.1uF 25V	R16	1-211-981-11 s	METAL 33 0.50% 1/16W
C26	1-104-913-11 s	TANTALUM 10uF 20% 16V	R21	1-211-981-11 s	METAL 33 0.50% 1/16W
C27	1-164-156-11 s	CERAMIC 0.1uF 25V	R22	1-211-969-11 s	METAL 10 0.50% 1/16W
C28	1-162-915-11 s	CERAMIC, CHIP 10PF 5PF 50V	R27	1-211-981-11 s	METAL 33 0.50% 1/16W
C29	1-162-905-11 s	CERAMIC 1PF 0.25PF 50V	R30	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
C32	1-162-912-11 s	CERAMIC 7PF 0.5PF 50V	R33	1-211-981-11 s	METAL 33 0.50% 1/16W
C33	1-164-156-11 s	CERAMIC 0.1uF 25V	R37	1-211-981-11 s	METAL 33 0.50% 1/16W
C34	1-104-917-11 s	TANTALUM 15uF 20% 20V	R39	1-218-845-11 s	METAL 820 0.50% 1/16W
C35	1-126-400-11 s	ELECT, CHIP 22uF 20% 35V	R43	1-218-845-11 s	METAL 820 0.50% 1/16W
C36	1-164-156-11 s	CERAMIC 0.1uF 25V	R53	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
C37	1-135-165-11 s	TANTALUM, CHIP 33uF 10% 16V	R56	1-218-660-91 s	METAL 47 0.50% 1/16W
C38	1-107-686-11 s	TANTALUM 4.7uF 20% 16V	R57	1-218-899-11 s	METAL 150K 0.50% 1/16W
C39	1-164-156-11 s	CERAMIC 0.1uF 25V	R58	1-218-883-11 s	METAL 33K 0.50% 1/16W
C40	1-104-913-11 s	TANTALUM 10uF 20% 16V	R59	1-218-883-11 s	METAL 33K 0.50% 1/16W
C42	1-164-156-11 s	CERAMIC 0.1uF 25V	R65	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
CN1	1-766-235-11 s	HOUSING, 26P	R66	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
D1	8-719-123-82 s	DIODE 1SS303	R73	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
D2	8-719-017-42 s	DIODE HSM88WA	R77	1-218-881-11 s	METAL 27K 0.50% 1/16W
IC2	8-759-287-60 s	IC TC7SH08FU-TE85L	R78	1-218-883-11 s	METAL 33K 0.50% 1/16W
IC5	8-759-287-60 s	IC TC7SH08FU-TE85L	R81	1-218-873-11 s	METAL 12K 0.50% 1/16W
Q1	8-729-101-25 s	TRANSISTOR 2SC1009A	R82	1-211-969-11 s	METAL 10 0.50% 1/16W
Q3	8-729-143-07 s	TRANSISTOR 2SA1610-Y33	R87	1-218-881-11 s	METAL 27K 0.50% 1/16W
Q4	8-769-401-67 s	TRANSISTOR 3SK163-1	RV1	1-237-038-11 s	RES, ADJ, METAL 50K
Q5	8-729-117-32 s	TRANSISTOR 2SC4177	RV2	1-241-263-11 s	RES, ADJ, METALT 5K
Q6	8-729-143-07 s	TRANSISTOR 2SA1610-Y33	W1	1-954-556-11 o	HARNESS, SUB (PA190-1)
Q7	8-769-401-67 s	TRANSISTOR 3SK163-1	W2	1-954-559-11 o	HARNESS, SUB (PA190-2)
Q8	8-729-117-32 s	TRANSISTOR 2SC4177			
Q9	8-729-117-16 s	TRANSISTOR 2SA1611-M6			
Q10	8-769-401-67 s	TRANSISTOR 3SK163-1			
Q11	8-729-117-32 s	TRANSISTOR 2SC4177			

PA-191(B) BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-565-977-11	s CONTACT, FEMALE AWG 28-32
2pcs	1-566-988-11	o HOUSING, CONNECTOR 2P
1pc	1-569-191-11	o CONTACT, AWG22-26
1pc	1-569-193-11	o CONTACT, AWG24-30
1pc	1-569-195-41	o HOUSING, 2P
C1	1-135-213-21	s TANTALUM, CHIP 3.3uF 20% 25V
C2	1-135-213-21	s TANTALUM, CHIP 3.3uF 20% 25V
C3	1-135-213-21	s TANTALUM, CHIP 3.3uF 20% 25V
C4	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C5	1-135-213-21	s TANTALUM, CHIP 3.3uF 20% 25V
C6	1-135-213-21	s TANTALUM, CHIP 3.3uF 20% 25V
C7	1-162-959-11	s CERAMIC 330PF 5% 50V
C8	1-162-970-11	s CERAMIC, CHIP 0.01uF 10% 25V
C10	1-135-213-21	s TANTALUM, CHIP 3.3uF 20% 25V
C11	1-135-164-21	s TANTALUM, CHIP 22uF 20% 10V
C12	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C13	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C14	1-164-156-11	s CERAMIC 0.1uF 25V
C15	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C17	1-164-156-11	s CERAMIC 0.1uF 25V
C18	1-164-156-11	s CERAMIC 0.1uF 25V
C19	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C21	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C22	1-164-156-11	s CERAMIC 0.1uF 25V
C23	1-104-913-11	s TANTALUM 10uF 20% 16V
C24	1-164-156-11	s CERAMIC 0.1uF 25V
C26	1-104-913-11	s TANTALUM 10uF 20% 16V
C27	1-164-156-11	s CERAMIC 0.1uF 25V
C28	1-162-915-11	s CERAMIC, CHIP 10PF 5PF 50V
C32	1-162-912-11	s CERAMIC 7PF 0.5PF 50V
C33	1-164-156-11	s CERAMIC 0.1uF 25V
C34	1-104-917-11	s TANTALUM 15uF 20% 20V
C35	1-126-400-11	s ELECT, CHIP 22uF 20% 35V
C36	1-164-156-11	s CERAMIC 0.1uF 25V
C37	1-135-165-11	s TANTALUM, CHIP 33uF 10% 16V
C38	1-107-686-11	s TANTALUM 4.7uF 20% 16V
C39	1-164-156-11	s CERAMIC 0.1uF 25V
C40	1-104-913-11	s TANTALUM 10uF 20% 16V
C42	1-164-156-11	s CERAMIC 0.1uF 25V
CN1	1-766-235-11	s HOUSING, 26P
D1	8-719-123-82	s DIODE 1SS303
D2	8-719-017-42	s DIODE HSM88WA
IC2	8-759-287-60	s IC TC7SH08FU-TE85L
IC5	8-759-287-60	s IC TC7SH08FU-TE85L
Q1	8-729-101-25	s TRANSISTOR 2SC1009A
Q3	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q4	8-769-401-67	s TRANSISTOR 3SK163-1
Q5	8-729-117-32	s TRANSISTOR 2SC4177
Q6	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q7	8-769-401-67	s TRANSISTOR 3SK163-1
Q8	8-729-117-32	s TRANSISTOR 2SC4177
Q9	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q10	8-769-401-67	s TRANSISTOR 3SK163-1
Q11	8-729-117-32	s TRANSISTOR 2SC4177
Q12	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q13	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q14	8-769-401-67	s TRANSISTOR 3SK163-1

Please see page D-13 for the part numbers of resistor that is not the parts list.

(PA-191(B) BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q15	8-729-117-32	s TRANSISTOR 2SC4177
Q16	8-729-117-16	s TRANSISTOR 2SA1611-M6
Q17	8-769-401-67	s TRANSISTOR 3SK163-1
Q18	8-729-117-32	s TRANSISTOR 2SC4177
Q19	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q20	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q21	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q22	8-729-143-13	s TRANSISTOR 2SC4176-B34
Q23	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q24	8-729-117-32	s TRANSISTOR 2SC4177
Q25	8-729-117-32	s TRANSISTOR 2SC4177
Q26	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q27	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q28	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q29	8-729-143-13	s TRANSISTOR 2SC4176-B34
Q30	8-729-117-32	s TRANSISTOR 2SC4177
Q32	8-729-143-07	s TRANSISTOR 2SA1610-Y33
Q33	8-729-117-32	s TRANSISTOR 2SC4177
Q34	8-729-117-32	s TRANSISTOR 2SC4177
Q35	8-729-143-07	s TRANSISTOR 2SA1610-Y33
R3	1-218-889-11	s METAL 56K 0.50% 1/16W
R5	1-218-837-11	s METAL 390 0.50% 1/16W
R9	1-216-857-11	s METAL, CHIP 1M 5% 1/16W
R16	1-211-981-11	s METAL 33 0.50% 1/16W
R21	1-211-981-11	s METAL 33 0.50% 1/16W
R22	1-211-969-11	s METAL 10 0.50% 1/16W
R27	1-211-981-11	s METAL 33 0.50% 1/16W
R30	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R33	1-211-981-11	s METAL 33 0.50% 1/16W
R37	1-211-981-11	s METAL 33 0.50% 1/16W
R39	1-218-845-11	s METAL 820 0.50% 1/16W
R43	1-218-845-11	s METAL 820 0.50% 1/16W
R53	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R56	1-218-660-91	s METAL 47 0.50% 1/16W
R57	1-218-899-11	s METAL 150K 0.50% 1/16W
R58	1-218-883-11	s METAL 33K 0.50% 1/16W
R59	1-218-883-11	s METAL 33K 0.50% 1/16W
R65	1-218-867-11	s METAL 6.8K 0.50% 1/16W
R66	1-218-851-11	s METAL 1.5K 0.50% 1/16W
R73	1-216-864-11	s METAL, CHIP 0 5% 1/16W
R77	1-218-881-11	s METAL 27K 0.50% 1/16W
R78	1-218-883-11	s METAL 33K 0.50% 1/16W
R81	1-218-873-11	s METAL 12K 0.50% 1/16W
R82	1-211-969-11	s METAL 10 0.50% 1/16W
R87	1-218-881-11	s METAL 27K 0.50% 1/16W
RV1	1-237-038-11	s RES, ADJ, METAL 50K
RV2	1-241-263-11	s RES, ADJ, METALT 5K
W1	1-954-557-11	o HARNESS, SUB (PA191-1)
W2	1-954-560-11	o HARNESS, SUB (PA191-2)

PR-209 BOARD

Ref. No. or Q'ty	Part No.	SP Description	Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8310-968-A o	OUNTED CIRCUIT BOARD, PR-209 [for DXC-637;J, DXC-637P;EK]	C215	1-164-156-11 s	CERAMIC 0.1uF 25V
1pc	A-8310-954-A o	OUNTED CIRCUIT BOARD, PR-209 [for DXC-637;UC]	C217	1-164-156-11 s	CERAMIC 0.1uF 25V
2pcs	7-627-554-27 s	SCREW, PRECITION +P 2X6 TYPE1	C218	1-135-180-21 s	TANTALUM, CHIP 3.3uF 20% 6.3V
1pc	3-699-005-01 o	SUPPORT, TG-18	C219	1-135-180-21 s	TANTALUM, CHIP 3.3uF 20% 6.3V
1pc	7-621-772-18 s	SCREW +B 2X4	C220	1-164-156-11 s	CERAMIC 0.1uF 25V
C1	1-162-927-11 s	CERAMIC, CHIP 100PF 5% 50V	C221	1-162-911-11 s	CERAMIC, CHIP 6PF 50V
C2	1-126-395-11 s	ELECT, CHIP 22uF 20% 16V	C223	1-135-072-21 s	TANTALUM, CHIP 0.22uF 10% 35V
C3	1-107-685-11 s	TANTALUM 15uF 20% 6.3V	C224	1-135-072-21 s	TANTALUM, CHIP 0.22uF 10% 35V
C4	1-126-391-11 s	ELECT, CHIP 47uF 20% 6.3V	C225	1-135-177-21 s	TANTALUM, CHIP 1uF 10% 25V
C5	1-126-391-11 s	ELECT, CHIP 47uF 20% 6.3V	C226	1-164-315-11 s	CERAMIC 470PF 5% 50V
C6	1-164-156-11 s	CERAMIC 0.1uF 25V	C227	1-104-563-11 s	FILM, CHIP 0.1uF 5% 16V
C7	1-135-177-21 s	TANTALUM, CHIP 1uF 10% 25V	C301	1-164-156-11 s	CERAMIC 0.1uF 25V
C8	1-107-689-21 s	TANTALUM 1uF 20% 35V	C302	1-162-974-11 s	CERAMIC 0.01uF 50V
C9	1-135-072-21 s	TANTALUM, CHIP 0.22uF 10% 35V	C303	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V
C10	1-107-689-21 s	TANTALUM 1uF 20% 35V	C304	1-104-913-11 s	TANTALUM 10uF 20% 16V
C11	1-135-177-21 s	TANTALUM, CHIP 1uF 10% 25V	C305	1-107-685-11 s	TANTALUM 15uF 20% 6.3V
C12	1-107-689-21 s	TANTALUM 1uF 20% 35V	C306	1-164-156-11 s	CERAMIC 0.1uF 25V
C13	1-104-916-11 s	TANTALUM 6.8uF 20% 20V	C307	1-164-156-11 s	CERAMIC 0.1uF 25V
C14	1-104-913-11 s	TANTALUM 10uF 20% 16V	C308	1-135-180-21 s	TANTALUM, CHIP 3.3uF 20% 6.3V
C15	1-104-752-11 s	TANTALUM 33uF 20% 6.3V	C309	1-135-180-21 s	TANTALUM, CHIP 3.3uF 20% 6.3V
C101	1-162-974-11 s	CERAMIC 0.01uF 50V	C310	1-164-156-11 s	CERAMIC 0.1uF 25V
C102	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V	C311	1-164-156-11 s	CERAMIC 0.1uF 25V
C103	1-104-913-11 s	TANTALUM 10uF 20% 16V	C312	1-162-911-11 s	CERAMIC, CHIP 6PF 50V
C104	1-107-685-11 s	TANTALUM 15uF 20% 6.3V	C313	1-164-156-11 s	CERAMIC 0.1uF 25V
C105	1-164-156-11 s	CERAMIC 0.1uF 25V	C314	1-162-927-11 s	CERAMIC, CHIP 100PF 5% 50V
C106	1-164-156-11 s	CERAMIC 0.1uF 25V	C316	1-164-156-11 s	CERAMIC 0.1uF 25V
C107	1-135-180-21 s	TANTALUM, CHIP 3.3uF 20% 6.3V	C318	1-164-156-11 s	CERAMIC 0.1uF 25V
C108	1-135-180-21 s	TANTALUM, CHIP 3.3uF 20% 6.3V	C319	1-135-180-21 s	TANTALUM, CHIP 3.3uF 20% 6.3V
C109	1-164-156-11 s	CERAMIC 0.1uF 25V	C320	1-135-180-21 s	TANTALUM, CHIP 3.3uF 20% 6.3V
C110	1-164-156-11 s	CERAMIC 0.1uF 25V	C321	1-164-156-11 s	CERAMIC 0.1uF 25V
C111	1-162-911-11 s	CERAMIC, CHIP 6PF 50V	C322	1-162-911-11 s	CERAMIC, CHIP 6PF 50V
C112	1-164-156-11 s	CERAMIC 0.1uF 25V	C324	1-135-072-21 s	TANTALUM, CHIP 0.22uF 10% 35V
C113	1-162-927-11 s	CERAMIC, CHIP 100PF 5% 50V	C325	1-135-072-21 s	TANTALUM, CHIP 0.22uF 10% 35V
C115	1-164-156-11 s	CERAMIC 0.1uF 25V	C326	1-164-315-11 s	CERAMIC 470PF 5% 50V
C117	1-164-156-11 s	CERAMIC 0.1uF 25V	C327	1-104-563-11 s	FILM, CHIP 0.1uF 5% 16V
C118	1-135-180-21 s	TANTALUM, CHIP 3.3uF 20% 6.3V	C401	1-104-917-11 s	TANTALUM 15uF 20% 20V
C119	1-135-180-21 s	TANTALUM, CHIP 3.3uF 20% 6.3V	C402	1-107-685-11 s	TANTALUM 15uF 20% 6.3V
C120	1-164-156-11 s	CERAMIC 0.1uF 25V	C403	1-104-913-11 s	TANTALUM 10uF 20% 16V
C121	1-162-911-11 s	CERAMIC, CHIP 6PF 50V	C404	1-126-396-11 s	ELECT, CHIP 47uF 20% 16V
C123	1-104-916-11 s	TANTALUM 6.8uF 20% 20V	C405	1-126-396-11 s	ELECT, CHIP 47uF 20% 16V
C124	1-135-072-21 s	TANTALUM, CHIP 0.22uF 10% 35V	C406	1-104-917-11 s	TANTALUM 15uF 20% 20V
C125	1-135-072-21 s	TANTALUM, CHIP 0.22uF 10% 35V	C407	1-107-685-11 s	TANTALUM 15uF 20% 6.3V
C126	1-164-315-11 s	CERAMIC 470PF 5% 50V	C408	1-104-913-11 s	TANTALUM 10uF 20% 16V
C127	1-104-563-11 s	FILM, CHIP 0.1uF 5% 16V	C409	1-104-913-11 s	TANTALUM 10uF 20% 16V
C201	1-162-974-11 s	CERAMIC 0.01uF 50V	C410	1-107-685-11 s	TANTALUM 15uF 20% 6.3V
C202	1-162-923-11 s	CERAMIC, CHIP 47PF 5% 50V	C411	1-107-685-11 s	TANTALUM 15uF 20% 6.3V
C203	1-104-913-11 s	TANTALUM 10uF 20% 16V	C412	1-162-924-11 s	CERAMIC 56PF 5% 50V
C204	1-107-685-11 s	TANTALUM 15uF 20% 6.3V	C413	1-162-919-11 s	CERAMIC, CHIP 22PF 5% 50V
C205	1-164-156-11 s	CERAMIC 0.1uF 25V	C414	1-165-176-11 s	CERAMIC 0.047uF 10% 16V
C206	1-164-156-11 s	CERAMIC 0.1uF 25V	C415	1-135-177-21 s	TANTALUM, CHIP 1uF 10% 25V
C207	1-135-180-21 s	TANTALUM, CHIP 3.3uF 20% 6.3V	C416	1-135-177-21 s	TANTALUM, CHIP 1uF 10% 25V
C208	1-135-180-21 s	TANTALUM, CHIP 3.3uF 20% 6.3V	C417	1-164-156-11 s	CERAMIC 0.1uF 25V
C209	1-164-156-11 s	CERAMIC 0.1uF 25V	C418	1-162-920-11 s	CERAMIC, CHIP 27PF 5% 50V
C210	1-164-156-11 s	CERAMIC 0.1uF 25V	C501	1-104-917-11 s	TANTALUM 15uF 20% 20V
C211	1-162-911-11 s	CERAMIC, CHIP 6PF 50V	C502	1-107-685-11 s	TANTALUM 15uF 20% 6.3V
C212	1-164-156-11 s	CERAMIC 0.1uF 25V	C503	1-104-913-11 s	TANTALUM 10uF 20% 16V
C213	1-162-927-11 s	CERAMIC, CHIP 100PF 5% 50V	C504	1-126-396-11 s	ELECT, CHIP 47uF 20% 16V
			C505	1-126-396-11 s	ELECT, CHIP 47uF 20% 16V
			C506	1-104-917-11 s	TANTALUM 15uF 20% 20V

(PR-209 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C507	1-107-685-11 s	TANTALUM 15uF 20% 6.3V
C508	1-104-913-11 s	TANTALUM 10uF 20% 16V
C509	1-104-913-11 s	TANTALUM 10uF 20% 16V
C510	1-107-685-11 s	TANTALUM 15uF 20% 6.3V
C511	1-107-685-11 s	TANTALUM 15uF 20% 6.3V
C512	1-162-924-11 s	CERAMIC 56PF 5% 50V
C513	1-162-919-11 s	CERAMIC, CHIP 22PF 5% 50V
C514	1-165-176-11 s	CERAMIC 0.047uF 10% 16V
C515	1-135-177-21 s	TANTALUM, CHIP 1uF 10% 25V
C516	1-135-177-21 s	TANTALUM, CHIP 1uF 10% 25V
C517	1-162-920-11 s	CERAMIC, CHIP 27PF 5% 50V
C601	1-104-917-11 s	TANTALUM 15uF 20% 20V
C602	1-107-685-11 s	TANTALUM 15uF 20% 6.3V
C603	1-104-913-11 s	TANTALUM 10uF 20% 16V
C604	1-104-913-11 s	TANTALUM 10uF 20% 16V
C605	1-126-396-11 s	ELECT, CHIP 47uF 20% 16V
C606	1-126-396-11 s	ELECT, CHIP 47uF 20% 16V
C607	1-107-685-11 s	TANTALUM 15uF 20% 6.3V
C608	1-104-917-11 s	TANTALUM 15uF 20% 20V
C609	1-104-913-11 s	TANTALUM 10uF 20% 16V
C610	1-104-913-11 s	TANTALUM 10uF 20% 16V
C611	1-107-685-11 s	TANTALUM 15uF 20% 6.3V
C612	1-107-685-11 s	TANTALUM 15uF 20% 6.3V
C613	1-162-924-11 s	CERAMIC 56PF 5% 50V
C614	1-162-919-11 s	CERAMIC, CHIP 22PF 5% 50V
C615	1-165-176-11 s	CERAMIC 0.047uF 10% 16V
C616	1-135-177-21 s	TANTALUM, CHIP 1uF 10% 25V
C617	1-135-177-21 s	TANTALUM, CHIP 1uF 10% 25V
C618	1-162-920-11 s	CERAMIC, CHIP 27PF 5% 50V
CN1	1-691-856-11 s	CONNECTOR, BOARD TO BOARD 60P
CN2	1-770-582-11 o	CONNECTOR 30P
D1	8-719-157-20 s	DIODE RD4.3M-B
D2	8-719-157-20 s	DIODE RD4.3M-B
D401	8-719-947-01 s	DIODE FMP1
D501	8-719-947-01 s	DIODE FMP1
D601	8-719-404-35 s	DIODE MA141WK
D602	8-719-947-01 s	DIODE FMP1
DL401	1-406-727-21 s	DELAY LINE, LC (165NS)
DL501	1-406-727-21 s	DELAY LINE, LC (165NS)
DL601	1-406-727-21 s	DELAY LINE, LC (165NS)
FL101	1-233-342-11 s	FILTER, TRAP
FL201	1-233-342-11 s	FILTER, TRAP
FL301	1-233-342-11 s	FILTER, TRAP
IC1	8-759-031-84 s	IC SC7S04F
IC2	8-759-234-20 s	IC TC7S08F
IC3	8-759-031-84 s	IC SC7S04F
IC5	8-759-076-06 s	IC TL064CPW
IC101	8-759-066-59 s	IC TC74HC4053AFS
IC102	8-752-068-64 s	IC CXA1486Q
IC103	8-759-076-06 s	IC TL064CPW
IC104	8-759-066-59 s	IC TC74HC4053AFS
IC105	8-759-635-27 s	IC M62352GP
IC201	8-759-066-59 s	IC TC74HC4053AFS
IC202	8-752-068-64 s	IC CXA1486Q
IC203	8-759-076-06 s	IC TL064CPW
IC204	8-759-066-59 s	IC TC74HC4053AFS
IC205	8-759-635-27 s	IC M62352GP

(PR-209 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
IC301	8-759-066-59 s	IC TC74HC4053AFS
IC302	8-752-068-64 s	IC CXA1486Q
IC303	8-759-234-20 s	IC TC7S08F
IC304	8-759-076-06 s	IC TL064CPW
IC305	8-759-066-59 s	IC TC74HC4053AFS
IC306	8-759-635-27 s	IC M62352GP
IC307	8-759-038-46 s	IC SC7S00F
IC401	8-759-089-61 s	IC TC74HC4052AFS(EL)
IC402	8-759-906-53 s	IC TL062CPS
IC501	8-759-089-61 s	IC TC74HC4052AFS(EL)
IC502	8-759-906-53 s	IC TL062CPS
IC601	8-759-089-61 s	IC TC74HC4052AFS(EL)
IC602	8-759-906-53 s	IC TL062CPS
L101	1-410-380-31 s	INDUCTOR CHIP 8.2uH
L102	1-410-389-31 s	INDUCTOR CHIP 47uH
L201	1-410-380-31 s	INDUCTOR CHIP 8.2uH
L301	1-410-380-31 s	INDUCTOR CHIP 8.2uH
Q1	8-729-101-07 s	TRANSISTOR 2SB798
Q2	8-729-807-51 s	TRANSISTOR 2SD1623-S
Q3	8-729-101-07 s	TRANSISTOR 2SB798
Q4	8-729-402-84 s	TRANSISTOR XN4601
Q5	8-729-402-84 s	TRANSISTOR XN4601
Q6	8-729-402-84 s	TRANSISTOR XN4601
Q101	8-729-905-24 s	TRANSISTOR 2SA1576S
Q102	8-729-905-24 s	TRANSISTOR 2SA1576S
Q103	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q201	8-729-905-24 s	TRANSISTOR 2SA1576S
Q202	8-729-905-24 s	TRANSISTOR 2SA1576S
Q203	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q301	8-729-905-24 s	TRANSISTOR 2SA1576S
Q302	8-729-905-24 s	TRANSISTOR 2SA1576S
Q303	8-729-905-24 s	TRANSISTOR 2SA1576S
Q304	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q401	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q402	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q403	8-729-905-24 s	TRANSISTOR 2SA1576S
Q404	8-729-905-24 s	TRANSISTOR 2SA1576S
Q405	8-729-402-19 s	TRANSISTOR XN6501
Q406	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q407	8-729-402-19 s	TRANSISTOR XN6501
Q408	8-729-402-19 s	TRANSISTOR XN6501
Q409	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q410	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q411	8-729-905-24 s	TRANSISTOR 2SA1576S
Q412	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q413	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q414	8-729-142-90 s	TRANSISTOR 2SK853-K5
Q415	8-729-402-78 s	TRANSISTOR XN6401
Q416	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q501	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q502	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q503	8-729-905-24 s	TRANSISTOR 2SA1576S
Q504	8-729-905-24 s	TRANSISTOR 2SA1576S
Q505	8-729-402-19 s	TRANSISTOR XN6501
Q506	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q507	8-729-402-19 s	TRANSISTOR XN6501
Q508	8-729-402-19 s	TRANSISTOR XN6501
Q509	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6

Please see page D-13 for the part numbers of resistor that is not the parts list.

(PR-209 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q510	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q511	8-729-905-24 s	TRANSISTOR 2SA1576S
Q512	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q513	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q514	8-729-142-90 s	TRANSISTOR 2SK853-K5
Q515	8-729-402-78 s	TRANSISTOR XN6401
Q516	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q601	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q602	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q603	8-729-905-24 s	TRANSISTOR 2SA1576S
Q604	8-729-905-24 s	TRANSISTOR 2SA1576S
Q605	8-729-402-19 s	TRANSISTOR XN6501
Q606	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q607	8-729-402-19 s	TRANSISTOR XN6501
Q608	8-729-402-19 s	TRANSISTOR XN6501
Q609	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q610	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q611	8-729-905-24 s	TRANSISTOR 2SA1576S
Q612	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q613	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
R16	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R17	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R19	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R26	1-218-883-11 s	METAL 33K 0.50% 1/16W
R31	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R33	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R35	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R102	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R111	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
R152	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R202	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R211	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
R305	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R314	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
R408	1-218-858-11 s	METAL 3K 0.50% 1/16W
R410	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R417	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R418	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R419	1-218-868-11 s	METAL 7.5K 0.50% 1/16W
R421	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R423	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R424	1-218-841-11 s	METAL 560 0.50% 1/16W
R425	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R426	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R427	1-218-856-11 s	METAL 2.4K 0.50% 1/16W
R430	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
R431	1-218-856-11 s	METAL 2.4K 0.50% 1/16W
R433	1-218-870-11 s	METAL 9.1K 0.50% 1/16W
R452	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
R455	1-218-660-91 s	METAL 47 0.50% 1/16W
R456	1-218-846-11 s	METAL 910 0.50% 1/16W
R458	1-211-983-11 s	METAL 39 0.50% 1/16W

(PR-209 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R460	1-218-844-11 s	METAL 750 0.50% 1/16W
R461	1-211-981-11 s	METAL 33 0.50% 1/16W
R463	1-211-969-11 s	METAL 10 0.50% 1/16W
R464	1-218-883-11 s	METAL 33K 0.50% 1/16W
R465	1-218-844-11 s	METAL 750 0.50% 1/16W
R467	1-218-848-11 s	METAL 1.1K 0.50% 1/16W
R478	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R483	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R490	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R507	1-218-858-11 s	METAL 3K 0.50% 1/16W
R509	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R516	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R517	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R518	1-218-870-11 s	METAL 9.1K 0.50% 1/16W
R520	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R522	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R524	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R525	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R530	1-218-868-11 s	METAL 7.5K 0.50% 1/16W
R530	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R531	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
R532	1-218-870-11 s	METAL 9.1K 0.50% 1/16W
R533	1-218-841-11 s	METAL 560 0.50% 1/16W
R547	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
R550	1-218-660-91 s	METAL 47 0.50% 1/16W
R551	1-218-846-11 s	METAL 910 0.50% 1/16W
R553	1-211-983-11 s	METAL 39 0.50% 1/16W
R555	1-218-844-11 s	METAL 750 0.50% 1/16W
R556	1-211-981-11 s	METAL 33 0.50% 1/16W
R558	1-211-969-11 s	METAL 10 0.50% 1/16W
R559	1-218-883-11 s	METAL 33K 0.50% 1/16W
R560	1-218-844-11 s	METAL 750 0.50% 1/16W
R562	1-218-848-11 s	METAL 1.1K 0.50% 1/16W
R565	1-218-883-11 s	METAL 33K 0.50% 1/16W
R566	1-218-881-11 s	METAL 27K 0.50% 1/16W
R574	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R579	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R581	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R607	1-218-858-11 s	METAL 3K 0.50% 1/16W
R609	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R618	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R619	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R622	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R624	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R626	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R627	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R632	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R650	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
R653	1-218-660-91 s	METAL 47 0.50% 1/16W
R654	1-218-846-11 s	METAL 910 0.50% 1/16W
R656	1-211-983-11 s	METAL 39 0.50% 1/16W
R658	1-218-844-11 s	METAL 750 0.50% 1/16W
R659	1-211-981-11 s	METAL 33 0.50% 1/16W
R661	1-211-969-11 s	METAL 10 0.50% 1/16W

Please see page D-13 for the part numbers of resistor that is not the parts list.

(PR-209 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R662	1-218-883-11 s	METAL 33K 0.50% 1/16W
R663	1-218-844-11 s	METAL 750 0.50% 1/16W
R665	1-218-848-11 s	METAL 1.1K 0.50% 1/16W
R675	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R681	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R683	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R999	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
RV101	1-241-264-11 s	RES, ADJ, METALT 10K
RV103	1-238-855-11 s	RES, ADJ, METAL 4.7K
RV201	1-241-264-11 s	RES, ADJ, METALT 10K
RV202	1-238-855-11 s	RES, ADJ, METAL 4.7K
RV301	1-241-264-11 s	RES, ADJ, METALT 10K
RV302	1-238-855-11 s	RES, ADJ, METAL 4.7K
RV401	1-238-852-11 s	RES, ADJ METAL 470
RV404	1-238-853-11 s	RES, ADJ, METAL 1K
RV405	1-238-855-11 s	RES, ADJ, METAL 4.7K
RV406	1-241-266-11 s	RES, ADJ, METAL 50K
RV407	1-238-854-11 s	RES, ADJ, METAL 2.2K
RV501	1-238-852-11 s	RES, ADJ METAL 470
RV504	1-238-853-11 s	RES, ADJ, METAL 1K
RV505	1-238-855-11 s	RES, ADJ, METAL 4.7K
RV506	1-241-266-11 s	RES, ADJ, METAL 50K
RV601	1-238-852-11 s	RES, ADJ METAL 470
RV604	1-238-853-11 s	RES, ADJ, METAL 1K
RV605	1-238-855-11 s	RES, ADJ, METAL 4.7K
RV606	1-241-266-11 s	RES, ADJ, METAL 50K
S301	1-571-275-31 s	SWITCH, SLIDE
S401	1-571-275-31 s	SWITCH, SLIDE
S501	1-571-275-31 s	SWITCH, SLIDE
S601	1-571-275-31 s	SWITCH, SLIDE
S602	1-571-275-31 s	SWITCH, SLIDE

SE-234 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8310-946-A o	OUNTED CIRCUIT BOARD, SE-234
CN1	1-573-806-21 s	PIN, CONNECTOR 6P
PH1	8-749-925-05 s	REFLECTOR NJL5183KA-F20-TE1
PH2	8-749-925-05 s	REFLECTOR NJL5183KA-F20-TE1

PSW-30 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8310-950-A o	OUNTED CIRCUIT BOARD, PSW-30
1pc	1-506-859-11 s	HOUSING, BOARD IN CONNECTOR 8P
C1	1-126-941-11 s	ELECT 470uF 20% 25V
CB1	1-532-681-00 s	CIRCUIT BREAKER 4A 125V
R1	1-215-425-00 s	METAL 1.5K 1% 1/6W
R2	1-215-373-31 s	METAL 10 1% 1/6W
S1	1-762-348-11 s	SWITCH, TOGGLE
S2	1-762-347-11 s	SWITCH, TOGGLE
W1	1-954-553-11 o	HARNESS, SUB (SW-2)

Please see page D-13 for the part numbers of
resistor that is not the parts list.

SG-232(N)/232(P) BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8310-957-A	o MOUNTED CIRCUIT BOARD, SG-232 (N) [for DXC-637;J, DXC-637;UC]
1pc	A-8310-977-A	o MOUNTED CIRCUIT BOARD, SG-232 (P) [for DXC-637P;EK]
C1	1-104-913-11	s TANTALUM 10uF 20% 16V
C2	1-135-159-21	s TANTALUM, CHIP 10uF 10% 20V
C3	1-164-156-11	s CERAMIC 0.1uF 25V
C4	1-126-391-11	s ELECT, CHIP 47uF 20% 6.3V
C5	1-128-453-21	s ELECT 47uF 20% 6.3V
C6	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C7	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C8	1-164-156-11	s CERAMIC 0.1uF 25V
C9	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C10	1-135-165-11	s TANTALUM, CHIP 33uF 10% 16V
C11	1-162-925-11	s CERAMIC, CHIP 68PF 5% 50V [for DXC-637;J, DXC-637;UC]
C11	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V [for DXC-637P;EK]
C12	1-135-073-00	s TANTALUM, CHIP 0.33uF 10% 35V
C13	1-162-922-11	s CERAMIC, CHIP 39PF 5% 50V
C14	1-164-156-11	s CERAMIC 0.1uF 25V
C15	1-164-156-11	s CERAMIC 0.1uF 25V
C16	1-135-210-11	s TANTALUM 4.7uF 10% 10V
C17	1-162-974-11	s CERAMIC 0.01uF 50V
C18	1-164-156-11	s CERAMIC 0.1uF 25V
C19	1-164-156-11	s CERAMIC 0.1uF 25V
C20	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C21	1-164-156-11	s CERAMIC 0.1uF 25V
C22	1-135-210-11	s TANTALUM 4.7uF 10% 10V
C23	1-135-166-21	s TANTALUM, CHIP 47uF 10% 10V
C24	1-135-159-21	s TANTALUM, CHIP 10uF 10% 20V
C25	1-162-917-11	s CERAMIC, CHIP 15PF 5% 50V
C26	1-162-974-11	s CERAMIC 0.01uF 50V
C27	1-126-393-11	s ELECT 33uF 20% 10V
C28	1-164-156-11	s CERAMIC 0.1uF 25V
C29	1-164-156-11	s CERAMIC 0.1uF 25V
C30	1-104-913-11	s TANTALUM 10uF 20% 16V
C31	1-135-091-91	s TANTALUM 1uF 20% 16V
C32	1-162-974-11	s CERAMIC 0.01uF 50V
C33	1-162-974-11	s CERAMIC 0.01uF 50V
C34	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C35	1-126-395-11	s ELECT, CHIP 22uF 20% 16V
C36	1-104-913-11	s TANTALUM 10uF 20% 16V
C37	1-162-974-11	s CERAMIC 0.01uF 50V
C38	1-164-156-11	s CERAMIC 0.1uF 25V
C39	1-164-156-11	s CERAMIC 0.1uF 25V
C40	1-104-913-11	s TANTALUM 10uF 20% 16V
C41	1-164-156-11	s CERAMIC 0.1uF 25V
C46	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V [for DXC-637P;EK]
C47	1-162-923-11	s CERAMIC, CHIP 47PF 5% 50V
C48	1-164-156-11	s CERAMIC 0.1uF 25V
C49	1-164-156-11	s CERAMIC 0.1uF 25V
C50	1-104-913-11	s TANTALUM 10uF 20% 16V
C51	1-162-974-11	s CERAMIC 0.01uF 50V
C52	1-164-156-11	s CERAMIC 0.1uF 25V
C53	1-104-916-11	s TANTALUM 6.8uF 20% 20V
C54	1-164-156-11	s CERAMIC 0.1uF 25V
C55	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V

(SG-232(N)/232(P) BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C56	1-164-156-11	s CERAMIC 0.1uF 25V
C57	1-164-156-11	s CERAMIC 0.1uF 25V
C58	1-104-916-11	s TANTALUM 6.8uF 20% 20V
C59	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V
C60	1-164-156-11	s CERAMIC 0.1uF 25V
C61	1-164-363-11	s CERAMIC 560PF 5% 50V
C62	1-104-916-11	s TANTALUM 6.8uF 20% 20V
C63	1-164-156-11	s CERAMIC 0.1uF 25V
C64	1-164-156-11	s CERAMIC 0.1uF 25V
C65	1-164-156-11	s CERAMIC 0.1uF 25V
C66	1-164-156-11	s CERAMIC 0.1uF 25V
C67	1-162-919-11	s CERAMIC, CHIP 22PF 5% 50V [for DXC-637;J, DXC-637;UC]
C67	1-162-918-11	s CERAMIC, CHIP 18PF 5% 50V [for DXC-637P;EK]
C68	1-162-974-11	s CERAMIC 0.01uF 50V
C69	1-126-393-11	s ELECT 33uF 20% 10V
C70	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C71	1-164-156-11	s CERAMIC 0.1uF 25V
C72	1-164-156-11	s CERAMIC 0.1uF 25V
C73	1-164-156-11	s CERAMIC 0.1uF 25V
C74	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C75	1-126-393-11	s ELECT 33uF 20% 10V
C76	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C77	1-164-156-11	s CERAMIC 0.1uF 25V
C78	1-164-156-11	s CERAMIC 0.1uF 25V
C79	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C80	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C81	1-164-156-11	s CERAMIC 0.1uF 25V
C82	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C83	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C84	1-135-145-11	s TANTALUM, CHIP 0.47uF 10% 35V
C85	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C86	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V [for DXC-637;J, DXC-637;UC]
C86	1-162-925-11	s CERAMIC, CHIP 68PF 5% 50V [for DXC-637P;EK]
C87	1-162-925-11	s CERAMIC, CHIP 68PF 5% 50V
C88	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C89	1-162-921-11	s CERAMIC, CHIP 33PF 5% 50V
C90	1-164-156-11	s CERAMIC 0.1uF 25V
C91	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C92	1-135-145-11	s TANTALUM, CHIP 0.47uF 10% 35V
C93	1-162-927-11	s CERAMIC, CHIP 100PF 5% 50V
C94	1-126-394-11	s ELECT, CHIP 10uF 20% 16V
C95	1-126-393-11	s ELECT 33uF 20% 10V
C96	1-164-156-11	s CERAMIC 0.1uF 25V
C97	1-164-156-11	s CERAMIC 0.1uF 25V
C98	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C99	1-126-394-11	s ELECT, CHIP 10uF 20% 16V [for DXC-637P;EK]
C100	1-164-156-11	s CERAMIC 0.1uF 25V
C101	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V
C102	1-162-974-11	s CERAMIC 0.01uF 50V
C103	1-162-974-11	s CERAMIC 0.01uF 50V
C104	1-162-911-11	s CERAMIC, CHIP 6PF 50V [for DXC-637;J, DXC-637;UC]
C104	1-162-915-11	s CERAMIC, CHIP 10PF 5PF 50V [for DXC-637P;EK]
C105	1-164-156-11	s CERAMIC 0.1uF 25V

Please see page D-13 for the part numbers of resistor that is not the parts list.

(SG-232(N)/232(P) BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C106	1-164-156-11 s	CERAMIC 0.1uF 25V
C107	1-126-393-11 s	ELECT 33uF 20% 10V
C108	1-162-909-11 s	CERAMIC 4PF 0.25PF 50V
C109	1-164-156-11 s	CERAMIC 0.1uF 25V
C110	1-135-180-21 s	TANTALUM, CHIP 3.3uF 20% 6.3V
C111	1-104-913-11 s	TANTALUM 10uF 20% 16V
C112	1-164-156-11 s	CERAMIC 0.1uF 25V
CN1	1-770-581-11 o	CONNECTOR 30P
CP1	1-760-267-11 s	CRYSTAL 14.31831MHz [for DXC-637;J, DXC-637;UC]
CP1	1-760-269-11 s	CRYSTAL 17.734475MHz [for DXC-637P;EK]
D1	8-719-404-35 s	DIODE MA141WK
D2	8-719-404-35 s	DIODE MA141WK
D3	8-719-404-35 s	DIODE MA141WK
D4	8-719-404-35 s	DIODE MA141WK
D5	8-719-800-76 s	DIODE 1SS226
FL1	1-402-647-11 s	DELAY LINE (90°) (NTSC) [for DXC-637;J, DXC-637;UC]
FL1	1-402-646-21 s	DELAY LINE (PAL) [for DXC-637P;EK]
FL2	1-239-379-21 s	FILTER, BANDPASS 3.58MHz [for DXC-637;J, DXC-637;UC]
FL2	1-239-380-11 s	FILTER, BANDPASS [for DXC-637P;EK]
IC1	8-759-101-12 s	IC UPC311G2
IC2	8-759-031-84 s	IC SC7S04F
IC3	8-752-335-47 s	IC CXD1216M
IC4	8-759-234-77 s	IC TC4S66F
IC5	8-759-100-94 s	IC UPC358G2
IC6	8-759-082-61 s	IC TC4W53FU
IC7	8-752-341-58 s	IC CXD1217Q
IC8	8-759-209-15 s	IC TC4SU69F [for DXC-637P;EK]
IC9	8-759-031-84 s	IC SC7S04F
IC10	8-759-082-61 s	IC TC4W53FU
IC11	8-759-100-94 s	IC UPC358G2
IC12	8-759-902-88 s	IC SN74LS123NS
IC13	8-759-082-61 s	IC TC4W53FU
IC14	8-759-180-08 s	IC TC74HC4538AFS
IC15	8-759-112-66 s	IC UPC812G2
IC16	8-759-049-55 s	IC SN74HC00APW-E05
IC17	8-759-031-84 s	IC SC7S04F
IC18	8-759-906-59 s	IC CX22017
IC19	8-759-031-84 s	IC SC7S04F
IC20	8-759-059-50 s	IC MB88351PFV
IC21	8-759-082-61 s	IC TC4W53FU
IC22	8-759-234-20 s	IC TC7S08F [for DXC-637P;EK]
IC23	8-759-234-20 s	IC TC7S08F
IC24	8-759-031-84 s	IC SC7S04F [for DXC-637P;EK]
IC25	8-759-031-84 s	IC SC7S04F
IC26	8-759-234-20 s	IC TC7S08F
IC27	8-759-035-93 s	IC TC7S32F
IC28	8-759-035-93 s	IC TC7S32F
L1	1-410-385-11 s	INDUCTOR, CHIP 22uH
L2	1-410-385-11 s	INDUCTOR, CHIP 22uH
L3	1-410-387-11 s	INDUCTOR CHIP 33uH
L4	1-410-389-31 s	INDUCTOR CHIP 47uH
L5	1-410-389-31 s	INDUCTOR CHIP 47uH
L6	1-410-656-11 s	INDUCTOR CHIP 150uH [for DXC-637;J, DXC-637;UC]

(SG-232(N)/232(P) BOARD)

Ref. No. or Q'ty	Part No.	SP Description
L6	1-410-393-11 s	INDUCTOR CHIP 100uH [for DXC-637P;EK]
L7	1-410-389-31 s	INDUCTOR CHIP 47uH
L8	1-410-389-31 s	INDUCTOR CHIP 47uH
L9	1-410-389-31 s	INDUCTOR CHIP 47uH
L10	1-410-385-11 s	INDUCTOR, CHIP 22uH
L11	1-410-389-31 s	INDUCTOR CHIP 47uH
L12	1-410-389-31 s	INDUCTOR CHIP 47uH
L13	1-410-389-31 s	INDUCTOR CHIP 47uH
L14	1-410-389-31 s	INDUCTOR CHIP 47uH
L15	1-410-389-31 s	INDUCTOR CHIP 47uH
L16	1-410-389-31 s	INDUCTOR CHIP 47uH
L17	1-412-280-31 s	INDUCTOR 330uH
L18	1-412-280-31 s	INDUCTOR 330uH
L19	1-410-389-31 s	INDUCTOR CHIP 47uH
L20	1-410-389-31 s	INDUCTOR CHIP 47uH
L21	1-410-389-31 s	INDUCTOR CHIP 47uH
L22	1-410-389-31 s	INDUCTOR CHIP 47uH
Q1	8-729-402-84 s	TRANSISTOR XN4601
Q2	8-729-402-19 s	TRANSISTOR XN6501
Q3	8-729-905-24 s	TRANSISTOR 2SA1576S
Q4	8-729-402-19 s	TRANSISTOR XN6501
Q5	8-729-403-29 s	TRANSISTOR XN6435
Q6	8-729-402-84 s	TRANSISTOR XN4601
Q7	8-729-141-53 s	TRANSISTOR 2SK94-X2X3X4
Q8	8-729-402-19 s	TRANSISTOR XN6501
Q9	8-729-403-29 s	TRANSISTOR XN6435
Q10	8-729-905-24 s	TRANSISTOR 2SA1576S
Q11	8-729-402-84 s	TRANSISTOR XN4601 [for DXC-637;J, DXC-637;UC]
Q12	8-729-402-84 s	TRANSISTOR XN4601
Q13	8-729-143-07 s	TRANSISTOR 2SA1610-Y33
Q14	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q15	8-729-402-19 s	TRANSISTOR XN6501
Q16	8-729-402-19 s	TRANSISTOR XN6501
Q17	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q18	8-729-402-19 s	TRANSISTOR XN6501
Q19	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q20	8-729-402-19 s	TRANSISTOR XN6501
Q21	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q22	8-729-402-78 s	TRANSISTOR XN6401
Q23	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q24	8-729-905-24 s	TRANSISTOR 2SA1576S
Q25	8-729-402-19 s	TRANSISTOR XN6501
Q26	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q27	8-729-402-78 s	TRANSISTOR XN6401
Q28	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q29	8-729-905-24 s	TRANSISTOR 2SA1576S
Q30	8-729-905-24 s	TRANSISTOR 2SA1576S
Q31	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q32	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
Q33	8-729-402-19 s	TRANSISTOR XN6501
Q34	8-729-120-28 s	TRANSISTOR 2SC1623-L5L6
R8	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R10	1-218-840-11 s	METAL 510 0.50% 1/16W
R14	1-218-848-11 s	METAL 1.1K 0.50% 1/16W
R18	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
R20	1-211-977-11 s	METAL 22 0.50% 1/16W

Please see page D-13 for the part numbers of resistor that is not the parts list.

(SG-232(N)/232(P) BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R24	1-218-866-11 s	METAL 6.2K 0.50% 1/16W
R25	1-218-901-11 s	METAL 180K 0.50% 1/16W
R27	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R29	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R36	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R42	1-218-901-11 s	METAL 180K 0.50% 1/16W
R43	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
R44	1-218-851-11 s	METAL 1.5K 0.50% 1/16W [for DXC-637;J, DXC-637;UC]
R49	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC]
R50	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R51	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for DXC-637P;EK]
R57	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R58	1-218-883-11 s	METAL 33K 0.50% 1/16W
R60	1-218-883-11 s	METAL 33K 0.50% 1/16W [for DXC-637;J, DXC-637;UC]
R63	1-218-837-11 s	METAL 390 0.50% 1/16W [for DXC-637;J, DXC-637;UC]
R64	1-218-837-11 s	METAL 390 0.50% 1/16W [for DXC-637;J, DXC-637;UC]
R65	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for DXC-637P;EK]
R70	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for DXC-637P;EK]
R72	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC]
R73	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for DXC-637P;EK]
R74	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R75	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC]
R76	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R77	1-216-857-11 s	METAL, CHIP 1M 5% 1/16W
R78	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for DXC-637P;EK]
R79	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R80	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R81	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R82	1-216-864-11 s	METAL, CHIP 0 5% 1/16W
R91	1-218-881-11 s	METAL 27K 0.50% 1/16W
R96	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC]
R98	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for DXC-637P;EK]
R100	1-218-883-11 s	METAL 33K 0.50% 1/16W
R103	1-218-883-11 s	METAL 33K 0.50% 1/16W
R114	1-218-868-11 s	METAL 7.5K 0.50% 1/16W
R126	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
R127	1-218-837-11 s	METAL 390 0.50% 1/16W
R133	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R138	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
R139	1-218-837-11 s	METAL 390 0.50% 1/16W
R142	1-218-889-11 s	METAL 56K 0.50% 1/16W
R145	1-218-867-11 s	METAL 6.8K 0.50% 1/16W
R148	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
R157	1-218-889-11 s	METAL 56K 0.50% 1/16W [for DXC-637P;EK]
R164	1-218-883-11 s	METAL 33K 0.50% 1/16W
R168	1-218-867-11 s	METAL 6.8K 0.50% 1/16W [for DXC-637P;EK]

(SG-232(N)/232(P) BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R171	1-218-867-11 s	METAL 6.8K 0.50% 1/16W [for DXC-637P;EK]
R177	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
R189	1-218-867-11 s	METAL 6.8K 0.50% 1/16W [for DXC-637P;EK]
R191	1-218-845-11 s	METAL 820 0.50% 1/16W [for DXC-637;J, DXC-637;UC]
R191	1-218-844-11 s	METAL 750 0.50% 1/16W [for DXC-637P;EK]
R193	1-218-883-11 s	METAL 33K 0.50% 1/16W
R204	1-218-851-11 s	METAL 1.5K 0.50% 1/16W
R207	1-211-977-11 s	METAL 22 0.50% 1/16W
R211	1-218-851-11 s	METAL 1.5K 0.50% 1/16W [for DXC-637;J, DXC-637;UC]
R226	1-216-864-11 s	METAL, CHIP 0 5% 1/16W [for DXC-637;J, DXC-637;UC]
RV1	1-241-262-11 s	RES, ADJ, METALT 2K
RV2	1-241-265-11 s	RES, ADJ, METALT 20K
RV3	1-238-852-11 s	RES, ADJ METAL 470
RV4	1-238-852-11 s	RES, ADJ METAL 470
RV5	1-241-263-11 s	RES, ADJ, METALT 5K
RV6	1-238-854-11 s	RES, ADJ, METAL 2.2K
RV7	1-238-855-11 s	RES, ADJ, METAL 4.7K
RV8	1-238-852-11 s	RES, ADJ METAL 470
RV9	1-241-263-11 s	RES, ADJ, METALT 5K
RV10	1-238-853-11 s	RES, ADJ, METAL 1K

SW-724 BOARD

(SW-724 BOARD)

Ref. No. or Q'ty	Part No.	SP Description	Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8310-953-A	o MOUNTED CIRCUIT BOARD, SW-724	IC1	8-759-635-27	s IC M6235GP
1pc	3-686-186-01	s KNOB, MODE-SW	IC2	8-759-009-05	s IC MC14051BF
1pc	3-717-900-01	s KNOB (A) (TC), SW	IC3	8-759-173-16	s IC TL062CPW
1pc	3-349-533-11	o HOLDER (B), LED	IC4	8-759-082-61	s IC TC4W53FU
2pcs	3-674-372-00	o HOLDER (A), LED	IC5	8-759-076-06	s IC TL064CPW
C1	1-104-914-11	s TANTALUM 22uF 20% 16V	IC6	8-759-009-05	s IC MC14051BF
C2	1-135-177-21	s TANTALUM, CHIP 1uF 10% 25V	IC7	8-759-076-06	s IC TL064CPW
C3	1-135-177-21	s TANTALUM, CHIP 1uF 10% 25V	IC8	8-759-082-61	s IC TC4W53FU
C4	1-104-852-11	s TANTALUM 22uF 20% 10V	IC9	8-759-700-07	s IC NJM2903M
C5	1-104-557-11	s FILM 0.033uF 5% 16V	IC10	8-759-076-06	s IC TL064CPW
C6	1-164-161-11	s CERAMIC, CHIP 0.0022uF 10% 100V	IC11	8-759-009-06	s IC MC14052BF
C7	1-135-177-21	s TANTALUM, CHIP 1uF 10% 25V	IC12	8-759-700-07	s IC NJM2903M
C8	1-163-133-00	s CERAMIC, CHIP 470PF 5% 50V	IC13	8-759-082-61	s IC TC4W53FU
C9	1-104-916-11	s TANTALUM 6.8uF 20% 20V	IC14	8-759-082-61	s IC TC4W53FU
C10	1-104-914-11	s TANTALUM 22uF 20% 16V	IC15	8-759-082-61	s IC TC4W53FU
C11	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V	L1	1-410-389-31	s INDUCTOR CHIP 47uH
C12	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V	L2	1-410-389-31	s INDUCTOR CHIP 47uH
C13	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V	L3	1-410-387-11	s INDUCTOR CHIP 33uH
C14	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V	L4	1-412-282-41	s INDUCTOR 470uH
C15	1-163-038-91	s CERAMIC 0.1uF 25V	L5	1-412-282-41	s INDUCTOR 470uH
C16	1-163-038-91	s CERAMIC 0.1uF 25V	Q1	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
C17	1-163-243-11	s CERAMIC, CHIP 47PF 5% 50V	Q2	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
C18	1-163-038-91	s CERAMIC 0.1uF 25V	Q3	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
C19	1-163-038-91	s CERAMIC 0.1uF 25V	Q4	8-729-109-44	s TRANSISTOR 2SK94
C20	1-163-038-91	s CERAMIC 0.1uF 25V	Q5	8-729-402-78	s TRANSISTOR XN6401
C21	1-104-916-11	s TANTALUM 6.8uF 20% 20V	Q6	8-729-402-19	s TRANSISTOR XN6501
C22	1-104-916-11	s TANTALUM 6.8uF 20% 20V	Q7	8-729-109-44	s TRANSISTOR 2SK94
C23	1-135-164-21	s TANTALUM, CHIP 22uF 20% 10V	Q8	8-729-109-44	s TRANSISTOR 2SK94
C24	1-104-914-11	s TANTALUM 22uF 20% 16V	Q11	8-729-109-44	s TRANSISTOR 2SK94
C25	1-135-214-21	s TANTAL 4.7uF 20% 20V	Q12	8-729-800-37	s TRANSISTOR 2SD1048-X7
C26	1-135-177-21	s TANTALUM, CHIP 1uF 10% 25V	Q13	8-729-807-87	s TRANSISTOR 2SB1295-UL6
C27	1-135-214-21	s TANTAL 4.7uF 20% 20V	R1	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
C28	1-135-177-21	s TANTALUM, CHIP 1uF 10% 25V	R2	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
C29	1-163-038-91	s CERAMIC 0.1uF 25V	R3	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
C30	1-135-214-21	s TANTAL 4.7uF 20% 20V	R4	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
C31	1-135-214-21	s TANTAL 4.7uF 20% 20V	R5	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
C32	1-164-232-11	s CERAMIC, CHIP 0.01uF 10% 50V	R6	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
C34	1-126-397-11	s ELECT, CHIP 33uF 20% 25V	R7	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
C35	1-126-397-11	s ELECT, CHIP 33uF 20% 25V	R8	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
C36	1-126-397-11	s ELECT, CHIP 33uF 20% 25V	R9	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
C37	1-126-395-11	s ELECT, CHIP 22uF 20% 16V	R10	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
C38	1-163-038-91	s CERAMIC 0.1uF 25V	R11	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
C39	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V	R12	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
C40	1-104-913-11	s TANTALUM 10uF 20% 16V	R13	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
C41	1-126-390-11	s ELECT, CHIP 22uF 20% 6.3V	R14	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
CN1	1-766-792-11	o CONNECTOR 12P	R15	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
CN2	1-766-792-11	o CONNECTOR 12P	R16	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
D1	8-719-053-49	s DIODE TL0143	R17	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
D2	8-719-053-49	s DIODE TL0143	R18	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
D3	8-719-053-49	s DIODE TL0143	R19	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
D4	8-719-017-42	s DIODE HSM88WA	R20	1-216-075-00	s METAL, CHIP 12K 5% 1/10W
D5	8-719-017-42	s DIODE HSM88WA	R21	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
D6	8-719-017-42	s DIODE HSM88WA	R22	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
D7	8-719-404-35	s DIODE MA141WK	R23	1-216-121-00	s METAL, CHIP 1M 5% 1/10W
D8	8-719-157-33	s DIODE RD6.2M-B	R24	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
D11	8-719-404-35	s DIODE MA141WK	R25	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
D12	8-719-404-35	s DIODE MA141WK	R26	1-216-121-00	s METAL, CHIP 1M 5% 1/10W
D13	8-719-404-35	s DIODE MA141WK			

Please see page D-13 for the part numbers of resistor that is not the parts list.

(SW-724 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R27	1-216-095-00	s METAL, CHIP 82K 5% 1/10W
R28	1-216-079-00	s METAL, CHIP 18K 5% 1/10W
R29	1-216-079-00	s METAL, CHIP 18K 5% 1/10W
R30	1-216-069-00	s METAL, CHIP 6.8K 5% 1/10W
R31	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R32	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R33	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R34	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R35	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R36	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R37	1-216-049-91	s METAL 1K 5% 1/10W
R38	1-216-049-91	s METAL 1K 5% 1/10W
R39	1-216-049-91	s METAL 1K 5% 1/10W
R40	1-216-025-91	s METAL 100 5% 1/10W
R41	1-216-083-00	s METAL, CHIP 27K 5% 1/10W
R42	1-216-689-11	s METAL, CHIP 39K 0.5% 1/10W
R43	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R44	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R45	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R46	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R47	1-216-069-00	s METAL, CHIP 6.8K 5% 1/10W
R48	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R49	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R50	1-216-083-00	s METAL, CHIP 27K 5% 1/10W
R51	1-216-079-00	s METAL, CHIP 18K 5% 1/10W
R52	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R53	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R54	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R55	1-216-085-00	s METAL, CHIP 33K 5% 1/10W
R56	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R57	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R58	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R59	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R60	1-208-800-11	s METAL 5.6K 0.50% 1/10W
R61	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R62	1-216-677-11	s METAL, CHIP 12K 0.5% 1/10W
R64	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R65	1-216-069-00	s METAL, CHIP 6.8K 5% 1/10W
R66	1-216-105-91	s METAL 220K 5% 1/10W
R67	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R68	1-216-025-91	s METAL 100 5% 1/10W
R69	1-216-049-91	s METAL 1K 5% 1/10W
R70	1-208-810-11	s METAL 15K 0.50% 1/10W
R71	1-208-806-11	s METAL 10K 0.50% 1/10W
R72	1-216-025-91	s METAL 100 5% 1/10W
R73	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R74	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R75	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R76	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R77	1-208-817-11	s METAL 30K 0.50% 1/10W
R78	1-208-806-11	s METAL 10K 0.50% 1/10W
R79	1-208-814-11	s METAL 22K 0.50% 1/10W
R80	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R81	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R82	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R83	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R84	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R85	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R86	1-216-085-00	s METAL, CHIP 33K 5% 1/10W

(SW-724 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R87	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R88	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R89	1-216-077-00	s METAL, CHIP 15K 5% 1/10W
R90	1-216-067-00	s METAL, CHIP 5.6K 5% 1/10W
R91	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R92	1-216-049-91	s METAL 1K 5% 1/10W
R93	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R94	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R95	1-216-659-11	s METAL, CHIP 2.2K 0.5% 1/10W
R96	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R98	1-216-121-00	s METAL, CHIP 1M 5% 1/10W
R99	1-208-810-11	s METAL 15K 0.50% 1/10W
R100	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R101	1-216-671-11	s METAL, CHIP 6.8K 0.5% 1/10W
R102	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R103	1-216-071-00	s METAL, CHIP 8.2K 5% 1/10W
R104	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R105	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R106	1-216-081-00	s METAL, CHIP 22K 5% 1/10W
R107	1-216-045-00	s METAL, CHIP 680 5% 1/10W
R108	1-216-075-00	s METAL, CHIP 12K 5% 1/10W
R109	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R110	1-216-089-00	s METAL, CHIP 47K 5% 1/10W
R111	1-216-065-00	s METAL, CHIP 4.7K 5% 1/10W
R112	1-216-121-00	s METAL, CHIP 1M 5% 1/10W
R119	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R121	1-216-073-00	s METAL, CHIP 10K 5% 1/10W
R122	1-216-021-00	s METAL, CHIP 68 5% 1/10W
R123	1-216-021-00	s METAL, CHIP 68 5% 1/10W
R124	1-216-021-00	s METAL, CHIP 68 5% 1/10W
R125	1-216-021-00	s METAL, CHIP 68 5% 1/10W
R126	1-208-810-11	s METAL 15K 0.50% 1/10W
R127	1-216-661-11	s METAL, CHIP 2.7K 0.5% 1/10W
R128	1-208-822-11	s METAL 47K 0.50% 1/10W
R129	1-216-699-11	s METAL, CHIP 100K 0.5% 1/10W
R130	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R131	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
R132	1-216-097-00	s METAL, CHIP 100K 5% 1/10W
RV1	1-238-856-11	s RES, ADJ, METAL 10K
RV2	1-238-855-11	s RES, ADJ, METAL 4.7K
RV3	1-238-857-11	s RES, ADJ METAL 22K
RV4	1-238-854-11	s RES, ADJ, METAL 2.2K
S1	1-570-851-11	s SWITCH, SLIDE
S2	1-554-303-21	s SWITCH, TACTILE
S3	1-570-854-11	s SWITCH, SLIDE
S4	1-571-404-11	s SWITCH, KEY BOARD
S5	1-570-859-11	s SWITCH, SLIDE
S6	1-570-859-11	s SWITCH, SLIDE
S7	1-553-875-00	s SWITCH, RUBBER
S8	1-570-859-11	s SWITCH, SLIDE
S9	1-553-875-00	s SWITCH, RUBBER
S10	1-553-875-00	s SWITCH, RUBBER
S11	1-570-851-11	s SWITCH, SLIDE
S12	1-570-282-21	s SWITCH, KEY BOARD
S13	1-570-865-11	s SWITCH, SLIDE
S14	1-553-977-00	s SWITCH, SLIDE
S15	1-570-859-11	s SWITCH, SLIDE
S16	1-553-977-00	s SWITCH, SLIDE

(SW-724 BOARD)

Ref. No.
or Q'ty Part No. SP Description

S18 1-570-282-21 s SWITCH, KEY BOARD

SW-728 BOARD

Ref. No.
or Q'ty Part No. SP Description

1pc A-8310-947-A o MOUNTED CIRCUIT BOARD, SW-728

R1 1-215-461-00 s METAL 47K 1% 1/6W

R2 1-215-425-00 s METAL 1.5K 1% 1/6W

R3 1-215-457-00 s METAL 33K 1% 1/6W

R4 1-215-441-00 s METAL 6.8K 1% 1/6W

R5 1-215-453-00 s METAL 22K 1% 1/6W

R6 1-215-461-00 s METAL 47K 1% 1/6W

R7 1-215-373-31 s METAL 10 1% 1/6W

R8 1-215-425-00 s METAL 1.5K 1% 1/6W

S1 1-570-985-11 s SWITCH, TOGGLE

S2 1-570-985-11 s SWITCH, TOGGLE

S3 1-570-985-11 s SWITCH, TOGGLE

S4 1-571-396-11 s SWITCH, TOGGLE

W1 1-954-552-11 o HARNESS, SUB (SW-1)

FRAME

Ref. No.
or Q'ty Part No. SP Description

1pc 1-547-259-11 o FILTER UNIT, OPTICAL
1pc 1-954-548-11 o HARNESS, SUB (FL) (SE-MB)
1pc 1-473-244-11 s CONVERTER UNIT, DC-DC
1pc 1-769-710-11 o CABLE, FLAT (1 MM)
1pc 1-954-549-12 o HARNESS, SUB (LENS)
1pc 1-954-550-13 o HARNESS, SUB (CNP)

CN100 1-563-947-11 s CONNECTOR 12P FEMALE "LENS"
CN101 1-562-782-21 s CONNECTOR 10P FEMALE "REMOTE"
CN102 1-507-858-31 o JACK, PIN 1P "MONITOR OUT"
CN103 1-561-781-11 s CONNECTOR, BNC "VIDEO OUT"

CN4F(to MB-597(N)/MB-597(P) board)
1-569-201-21 o HOUSING, 8P
1-569-193-11 o CONTACT, AWG24-30

CN11F(to MB-597(N)/MB-597(P) board)
1-569-205-11 o PLUG HOUSING, 12P
1-569-193-11 o CONTACT, AWG24-30

CN20F(to MB-597(N)/MB-597(P) board)
1-569-195-21 o HOUSING, 2P
1-569-191-11 o CONTACT, AWG22-26
1-569-193-11 o CONTACT, AWG24-30

FB101 1-500-169-11 o CORE (FPC)
FB102 1-543-786-11 s CLAMP, SLEEVE FERRITE

Please see page D-13 for the part numbers of
resistor that is not the parts list.

EXPLODED VIEW (VCL-916BYA)

VCL-916BYA

No.	Part No.	SP Description
1	3-707-245-01	CAP, HOOD
2	3-707-246-01	CAP, DUST
3	3-707-247-01	LEVER, ZOOM
4	3-708-171-01	HOOD, LENS

